DOCUMENT RESUME

ED 435 309 HE 032 528

AUTHOR Khanna, Devki, Comp.; McCormick, Marcia, Comp.; Polliard, Judy, Comp.

TITLE Colleges and Universities: Education Digest, 1998-99.
INSTITUTION Pennsylvania State Dept. of Education, Harrisburg.
PUB DATE 1999-09-00
NOTE 160p.; For 1997-98 Digest, see ED 425 678.
AVAILABLE FROM Pennsylvania Department of Education, Division of Data Services, 333 Market St., Harrisburg, PA 17126-0333. Tel: 717-787-2644; Fax: 717-787-3148. For full text: <http://www.pde.psu.edu>.
PUB TYPE Numerical/Quantitative Data (110)
EDRS PRICE MF01/PC07 Plus Postage.
DESCRIPTORS College Faculty; *Degrees (Academic); Enrollment Trends; Graduate Study; Higher Education; In State Students; Out of State Students; *Place of Residence; Private Colleges; State Colleges; State Universities; *Student Costs; Tables (Data); Teacher Salaries; Trend Analysis; Undergraduate Study
IDENTIFIERS *Pennsylvania

ABSTRACT

This report presents 1998-99 data on Pennsylvania's 34 public and 108 private colleges and universities, as well as for 92 private schools licensed to grant specialized associate degrees. An introduction offers highlights noting that the increase in undergraduate basic student charges was greater than the increase in the consumer price index for all institution types; enrollments have been growing, on average, 1 percent per year since 1996, following a period of declining enrollments; over 79 percent of fall 1997 enrollees were Pennsylvania residents; the number of master's and doctoral degrees awarded has increased 42.3 percent and 19.1 percent, respectively, in the last decade; Pennsylvania had the eighth highest average salary for full-time instructional faculty at public four-year institutions; and current funds revenues for public institutions in 1997-98 decreased by 0.7 percent from 1996-97. Detailed figures and data tables are grouped into six sections: (1) basic student charges (averages by institutional category, institution, and for first-professional programs); (2) fall enrollments (by institutional category, sex, age, level, race); (3) residence of students (by institutional category, level, and race); (4) degrees conferred (by institutional category, sex, race, and level); (5) faculty and staff (average salaries and tenure status, and comparisons with the CPI); and (6) finance (current-funds revenues by source, institutional category, and function). Appendices include a glossary and list of sources. (DB)

Reproductions supplied by EDRS are the best that can be made
from the original document.

HE

ED 435 309

Colleges and Universities

Education Digest

1998-99

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY

G.W. Hottinger

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

BEST COPY AVAILABLE

Pennsylvania Department of Education 1999

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☑ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

HE 032 528

Colleges and Universities

Education Digest
1998-99

Compiled
by

Devki Khanna, Marcia McCormick and Judy Polliard

September 1999

Commonwealth of Pennsylvania
Tom Ridge, Governor

Department of Education
Eugene W. Hickok, Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief

The Pennsylvania Department of Education (PDE) will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, sexual orientation, disability, age, religion, ancestry, union membership, or any other legally protected classification. Announcement of this policy is in accordance with State law including the Pennsylvania Human Relations Act and with Federal law, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990.

Any complaint of harassment or discrimination pertaining to education should be directed to the Equal Employment Opportunity Manager, Department of Education, 333 Market Street, Harrisburg, PA 17126-0333, Voice Telephone: 717-787-1953, Text Telephone TTY: 717-783-8445, Fax: 717-783-9348. For information on accommodations for persons with disabilities, contact the ADA Coordinator, Department of Education at the same address, Voice Telephone: 717-783-9791, Fax: 717-772-2317, at the same Text Telephone TTY.

Division of Data Services publications are available on the PDE Home Page (www.pde.psu.edu). If you have any questions about this publication, contact:

Devki Khanna (charges, enrollments, residence) dkhanna@state.pa.us
Marcia McCormick (degrees) mmccormick@state.pa.us
Judy Polliard (staff, finance) jpolliard@state.pa.us

PA Department of Education
Division of Data Services
333 Market Street
Harrisburg, PA 17126-0333

(717) 787-2644
Fax (717) 787-3148
TTY (717) 783-8445

CONTENTS

Page

Introduction 1

BASIC STUDENT CHARGES

Overview 9

Table 1. Average Basic Student Charges by Institutional Category, 1998-99 11

Figure 1. Average Annual Increase in Undergraduate In-State Basic Student Charges vs the Consumer Price Index, 1989-90 Through 1998-99 12

Table 2. Average Undergraduate In-State Tuition and Required Fees by Institutional Category, 1989-90 Through 1998-99 13

Table 3. Average Combined Room and Board Charges by Institutional Category, 1989-90 Through 1998-99 13

Figure 2. Average Annual Increase in Undergraduate In-State Tuition and Required Fees vs the Consumer Price Index, 1989-90 Through 1998-99 14

Figure 3. Average Annual Increase in Room and Board Charges vs the Consumer Price Index, 1989-90 Through 1998-99 15

Table 4. Basic Student Charges by Institution, 1998-99 16

Table 5. Tuition and Required Fees for First-Professional Programs, 1998-99 24

FALL ENROLLMENTS

Overview 29

Table 6. Fall Enrollments by Institutional Category and Sex, 1998 31

Table 7. Fall Enrollments by Age and Sex, 1997 31

Table 8. Fall Enrollments by Institutional Category and Level, 1998 32

Table 9. Fall Enrollments by Institutional Category, Level, Race and Sex, 1998 34

Table 10. Fall Enrollments by Level and Status by Selected Years 36

Table 11. Fall Enrollments by Sex and Status by Selected Years 36

Figure 4. Fall Enrollments by Level and Sex, 1989 and 1998 37

Figure 5. Fall Enrollments by Race, 1988 and 1998 38

Table 12. Fall Enrollments by Institutional Category and Race, 1988 and 1998 39

Table 13. Fall Undergraduate Enrollments in Occupationally Specific Programs by Institutional Category, 1987 and 1997 39

Table 14. Fall Enrollments by Institutional Category and Level, 1989 Through 1998 40

Table 15. Fall Enrollments by Institution, Sex and Enrollment Status, 1998 42

RESIDENCE OF STUDENTS

Overview 53

Table 16. Residence of Students by Institutional Category and Level, Fall 1997 55

Table 17. Residence of Students by Race and Institutional Category, Fall 1997 56

Table 18. Residence of Students by Level and Institution, Fall 1997 58

Table 19. Residence of First-Time Students in Pennsylvania Colleges and Universities by Level, Fall 1998 66

DEGREES CONFERRED

Overview 71

Table 20. Degrees Conferred by Institutional Category and Sex, 1997-98 73

Table 21. Degrees Conferred by Institutional Category and Race, 1997-98 73

Table 22. Degrees Conferred by Major Field of Study, Level of Program and Sex, 1997-98 74

Figure 6. Degrees Conferred by Level of Program, 1988-89 and 1997-98 76

Table 23. Degrees Conferred by Race, 1988-89 and 1997-98 77

Table 24. Degrees Conferred by Institutional Category and Level of Program, 1988-89 Through 1997-98 78

Table 25. Degrees Conferred by Institution, Level of Program and Sex, 1997-98 80

FACULTY AND STAFF

Overview 91

Table 26. Average Salaries and Tenure Status of Full-Time Instructional Faculty by Contract Length, Rank and Institutional Category, 1998-99 93

Table 27. Average Salaries of Full-Time Instructional Faculty Employed on a 9-Month Contract for Selected Ranks, 1989-90 and 1998-99 95

Figure 7. Index of Average Salaries of Full-Time Instructional Faculty for Selected Ranks vs the Consumer Price Index, 1989-90 Through 1998-99 95

Table 28. Average Salaries of Full-Time Instructional Faculty Employed on a 9-Month Contract for Selected Ranks by Institutional Category, 1989-90 Through 1998-99 96

Table 29. Number of Employees by Occupational Activity and Employment Status by Institutional Category and Race, 1997-98 97

Table 30. Full-Time Instructional Faculty with Tenure for Selected Ranks by Sex and Contract Length by Selected Years 100

Figure 8. Percent of Full-Time Employees by Race, 1997-98 100

FINANCE

Overview 103

Table 31. Current-Funds Revenues at Public Institutions by Source and Institutional Category, 1997-98 105

Table 32. Current-Funds Revenues at Public Institutions by Source, 1993-94 Through 1997-98 106

Table 33. Current-Funds Expenditures at Public Institutions by Function and Institutional Category, 1997-98 107

Table 34. Current-Funds Expenditures at Public Institutions by Function, 1993-94 Through 1997-98 108

Appendix A. Glossary A-1

Appendix B. Sources B-1

Appendix C. Nonrespondents C-1

INTRODUCTION

The 1998-99 Education Digest includes data on basic student charges, fall enrollments, residence of students, degrees conferred, faculty and staff and finance. Data is compiled from annual surveys of Pennsylvania colleges and universities.

In 1998-99, Pennsylvania had 142 colleges and universities consisting of 34 public and 108 private institutions. In addition, there are private licensed schools in Pennsylvania authorized to grant specialized associate degrees in business or technology (ASB or AST degrees). In 1997-98, the latest year for which data was available, there were 92 schools with this degree-granting authority.

Pennsylvania data is compared with national data drawn from the results of surveys conducted by the U.S. Department of Education, National Center for Education Statistics (NCES).

BASIC STUDENT CHARGES

The increase in undergraduate basic student charges (tuition, required fees, and room and board) from 1997-98 to 1998-99 was greater than the increase in the Consumer Price Index (CPI) for state universities, state-related commonwealth universities, community colleges (tuition and required fees only), private state-aided institutions, private colleges and universities and theological seminaries. The average annual increase in undergraduate basic student charges for each institutional category was also higher than the average increase in the CPI for the past 10 years.

For an analysis conducted by NCES, tuition and fees were weighted by the number of full-time equivalent undergraduates in 1996, but were not adjusted to reflect student residency. Also, room and board were based on full-time students. This analysis showed that Pennsylvania had the fifth highest undergraduate basic student charges among public four-year institutions in the nation in 1997-98. In Pennsylvania these institutions charged on the average $9,769 against the national average of $7,628. The four states with charges higher than Pennsylvania were located in the northeastern United States. Vermont institutions had the highest average ($11,480). The average for Pennsylvania private four-year colleges and universities was the 10th highest. These institutions charged on the average $21,684 compared to the national average of $19,143. Massachusetts had the highest average ($25,820) among this category of institutions.

FALL ENROLLMENTS

Total enrollments reached 579,476 in 1998. In addition, 57,452 students pursuing ASB or AST degrees were enrolled in private licensed schools in 1997-98, the latest year for which data was available. This figure, if combined with college and university students, would place the number of people pursuing a postsecondary degree at approximately 637,000.

Between 1989 and 1992, college and university total enrollments increased an average of 1.8% each year, peaking in 1992 at 587,977. A period of decline beginning in 1993, averaging 0.9% each year, brought the total to 568,222 in 1996. Much of this decline was in part-time enrollments. Total enrollments then began a period of growth averaging 1.0% each year, with all the increase concentrated in full-time enrollments.

The number of full-time female enrollments has been increasing consistently for more than 10 years, reaching 208,485 in 1998. Male full-time enrollments peaked in 1992 at 185,278, declined every year through 1996 to 178,621 and increased to 183,772 in 1998.

Since 1989, the percentage increase in female enrollments at each level far exceeded that of their male counterparts. Specifically, female undergraduate enrollments increased 3.5%; graduate, 21.7%; and first-professional, 44.1%. Comparatively, male undergraduate enrollments increased 0.7%; graduate, 2.0%; and first-professional, 9.6%.

Enrollments nationally and in Pennsylvania followed a similar pattern over the past decade. Current NCES projected data indicates that over the next two years enrollments at the national level will increase similar to the period between 1996 and 1998. Pennsylvania secondary enrollments continue to increase, and therefore, it is expected Pennsylvania postsecondary enrollments will follow the national pattern.

RESIDENCE OF STUDENTS

Over 79% of the total enrollees (undergraduate, first-professional and graduate) were Pennsylvania residents in Fall 1997. Pennsylvania residents represented 81.7% of all enrollees at the undergraduate level, 69.3% at the graduate level and 58.8% at the first-professional level. Of the total enrollment, minority students from Pennsylvania comprised 10.4%, while minority students from out-of-state comprised 3.5%.

The fall 1998 survey collected data on first-time students only but provided more detail about their residence. However, when aggregated into the categories similar to Fall 1997 (in-state; out-of-state; and foreign), data for both years showed similar percentages.

DEGREES CONFERRED

The total number of degrees conferred was 104,932 in 1997-98. In addition, private licensed schools conferred 9,053 ASB or AST degrees. This figure, if added to the number of degrees from colleges and universities, would bring the total number of postsecondary degrees conferred to 113,985.

In 1997-98, the largest numbers of associate degrees were conferred in the fields of health (3,422) and business (3,181). At the bachelor's degree level, the largest fields of study were business (12,109), education (7,042), social sciences (6,137) and health (5,681). The largest fields at the master's degree level were business (5,169) and education (4,812). At the doctor's degree level, the largest fields were education (392) and engineering (371). The largest numbers of first-professional degrees were conferred in health (2,156) and law (1,503).

The largest growth in colleges and universities over the last 10 years was at the graduate level. Between 1988-89 and 1997-98, graduate enrollments increased 14.9%. During this same period, the number of master's degrees increased 42.3% and doctor's degrees increased 19.1%. National data showed similar trends.

Increases in the number of minorities and females receiving degrees were reflective of the enrollment picture. Since 1988-89, minority enrollments and graduates increased 58.9% and 77.6%, respectively. Much of this increase was due to the rising number of Asian/Pacific Islander and Hispanic students. By comparison, white enrollments decreased 0.8% while white graduates increased 7.9%. The number of female enrollees and graduates increased 9.1% and 22.4%, respectively, while males increased 1.6% and 6.2%, respectively.

FACULTY AND STAFF

The total number of staff employed in 1997-98 (the latest data available) was 136,138. Of that number, 89,477 were full-time and 46,661 were part-time. Of the total, 44.7% were instructional, 7.2% managerial, 16.1% other non-teaching professionals and 32.0% nonprofessional staff. The percentage of

minority full-time employees was 15.3%, while whites comprised 83.3% and nonresident aliens 1.4%.

A separate annual survey was conducted on the salaries, tenure and fringe benefits of full-time instructional staff. In 1998-99, there was a total of 22,338 full-time instructional faculty with 9- or 12-month contracts. The average salary of full-time instructional faculty on 9-month contracts for selected ranks (professor, associate professor, assistant professor and instructor), among private four-year institutions, was highest ($79,395) for private state-aided institutions. Among public institutions, the highest ($61,077) was for state-related commonwealth universities.

Pennsylvania had the eighth highest average salary for full-time instructional faculty on 9-month contracts among public four-year institutions in the nation in 1996-97 (the latest data available), $57,330 against the national average of $52,718. Of the states with an average salary higher than Pennsylvania, four were not located in the northeastern United States. Connecticut had the highest average salary in the nation ($64,695), followed by New Jersey ($64,359) and California ($63,276). The average salary for Pennsylvania private four-year institutions was the eleventh highest. These institutions paid on the average $54,457 against the national average of $52,443. Massachusetts paid the highest average salary in the nation ($63,061) among this category of institutions, followed by Connecticut ($62,293) and New Jersey ($61,989).

FINANCE

This section includes data for public institutions only. Private institutions are excluded because national accounting procedures for private institutions changed from a current-funds to an entity-wide model in 1996-97 while public institutions remained unchanged. Furthermore, a crosswalk being developed at the national level has not been completed.

Total current-funds revenues for public institutions dropped to $5.2 billion in 1997-98, a decrease of 0.7% from 1996-97. The drop in revenues was a result of the separation of The Pennsylvania State University College of Medicine from a teaching hospital. Also a decrease in the amount of private gifts, grants and contracts was reported. Of the total, tuition and fees comprised the largest source of revenue at 30.1%. Similar to revenue, total current-funds expenditures fell to $5.2 billion, a decrease of 0.5% from the previous year. Much of this was attributed to decreases in hospital expenditures and auxiliary enterprises. Over 29% of the total expenditures was for instruction.

For public institutions, national data showed current-funds revenues changed by 30.0% from 1990-91 to 1995-96. In contrast, the change for Pennsylvania was 35.9% which was higher than any of the states contiguous to Pennsylvania. Among these states, current-funds expenditures in Delaware showed the highest percent of change (33.9%), with Pennsylvania and New Jersey tying for second with 32.7%. During the same period, Ohio registered the smallest percent of change in revenues (18.9%) and expenditures (17.8%) among the contiguous states.

BASIC STUDENT CHARGES

OVERVIEW

For 1998-99, average undergraduate basic student charges (tuition, required fees, and room and board) at four-year colleges were $23,770 for students attending private state-aided institutions, $20,606 for private colleges and universities, $11,196 for state-related commonwealth universities, $8,291 for state universities and $7,692 for theological seminaries. The average for private two-year colleges and the college of technology was $14,162 and $8,866, respectively. For community colleges, the average tuition and required fees were $2,042.

The average increase in undergraduate basic student charges from 1997-98 to 1998-99 was highest for theological seminaries (9.4%). Increases for other categories of institutions were: state-related commonwealth universities and private colleges and universities, 4.4% each; private state-aided institutions, 3.7%; community colleges (tuition and required fees only), 3.2%; state universities, 1.8%; college of technology, 1.7%; and private two-year colleges, 0.5%. With the exception of private two-year colleges and the college of technology, the increase in basic student charges for all other categories of institutions was greater than the increase in the CPI (1.7%).

The average annual increase in the CPI (1982-84 = 100) for the period July 1989 through June 1999 was 3.1%. However, over the past ten years, the average annual increase in undergraduate basic student charges ranged from 4.9% for theological seminaries to 6.6% for private state-aided institutions.

TABLE 1

AVERAGE BASIC STUDENT CHARGES BY INSTITUTIONAL CATEGORY
1998-99

	TUITION AND REQUIRED FEES						ROOM AND BOARD		
	Undergraduate		First-Professional		Graduate		Combined Room and Board [1]	Room	Board
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State			
State Universities	$ 4,302	$ 9,481 [2]	$ -	$ -	$ 4,210	$ 7,044	$ 3,989	$ 2,261	$ 1,728
State-Related Commonwealth Universities	5,872	11,246	16,265	21,796	7,286	12,804	5,324	2,992	2,332
Community Colleges	2,042	6,126	-	-	-	-	4,400 [3]	2,800 [3]	1,600 [3]
Private State-Aided Institutions	16,169	16,169	25,470	26,723	15,675	15,675	7,601	4,440	2,845
Private Colleges and Universities	14,860	14,860	17,847	17,989	10,917	10,917	5,746	3,029	2,716
Theological Seminaries	4,019	4,019	6,550	6,550	6,339	6,339	3,673	1,897	1,990
Private Two-Year Colleges	9,231	9,231	-	-	-	-	4,931	2,498	2,394
College of Technology	4,620	-	-	-	-	-	4,246	1,720	2,526

1/ Averages based on those institutions having both room and board charges.
2/ Several state universities had a special 'out-of-state' tuition for students from selected states.
3/ Room and board charges are for Northampton County Area Community College only.

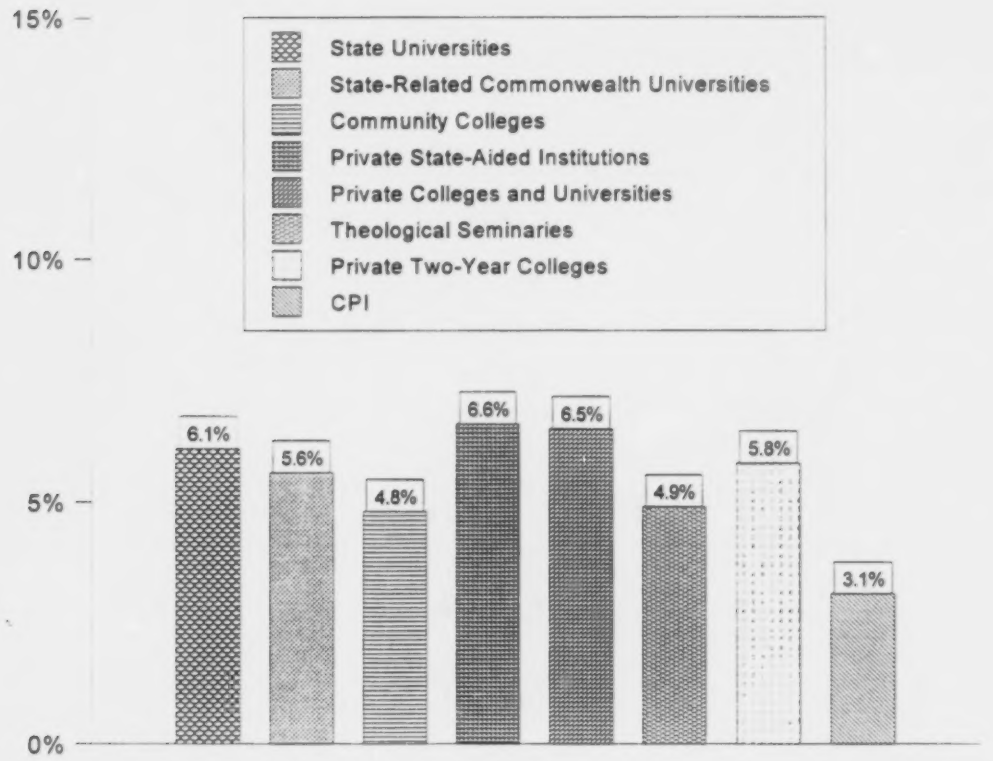
Note: A dash (-) indicates "not applicable."

15

16

FIGURE 1

AVERAGE ANNUAL INCREASE IN UNDERGRADUATE IN-STATE
BASIC STUDENT CHARGES VS THE CONSUMER PRICE INDEX
1989-90 THROUGH 1998-99



Note: Average annual increase in undergraduate in-state basic student charges for the Thaddeus Stevens College of Technology is not included because this school was not authorized to grant associate degrees prior to passage of Act 211 of 1990.

TABLE 2

AVERAGE UNDERGRADUATE IN-STATE TUITION AND REQUIRED FEES BY INSTITUTIONAL CATEGORY
1989-90 THROUGH 1998-99

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
State Universities	$ 2,437	$ 2,569	$ 3,028	$ 3,236	$ 3,571	$ 3,755	$ 3,945	$ 4,133	$ 4,265	$ 4,302
State-Related Commonwealth Universities	3,572	3,807	4,134	4,483	4,594	4,853	5,091	5,375	5,634	5,872
Community Colleges	1,301	1,398	1,478	1,578	1,626	1,685	1,797	1,892	1,978	2,042
Private State-Aided Institutions	9,272	10,021	11,000	11,905	12,835	13,522	14,194	14,890	15,550	16,169
Private Colleges and Universities	8,399	9,357	10,167	10,811	11,572	12,264	12,937	13,605	14,225	14,860
Theological Seminaries	2,455	2,865	2,870	3,205	3,305	3,407	3,473	3,732	3,718 1/	4,019
Private Two-Year Colleges	5,725	6,229	6,733	7,284	7,915	8,348	8,371	8,725	9,107	9,231
College of Technology	-	3,250	3,420	3,645	3,845	4,095	4,295	4,420	4,570	4,620

1/ Revised data.

Note: Tuition and required fees for the Thaddeus Stevens College of Technology were included starting in 1990-91 because Act 211 of 1990 authorized this school to grant associate degrees.

TABLE 3

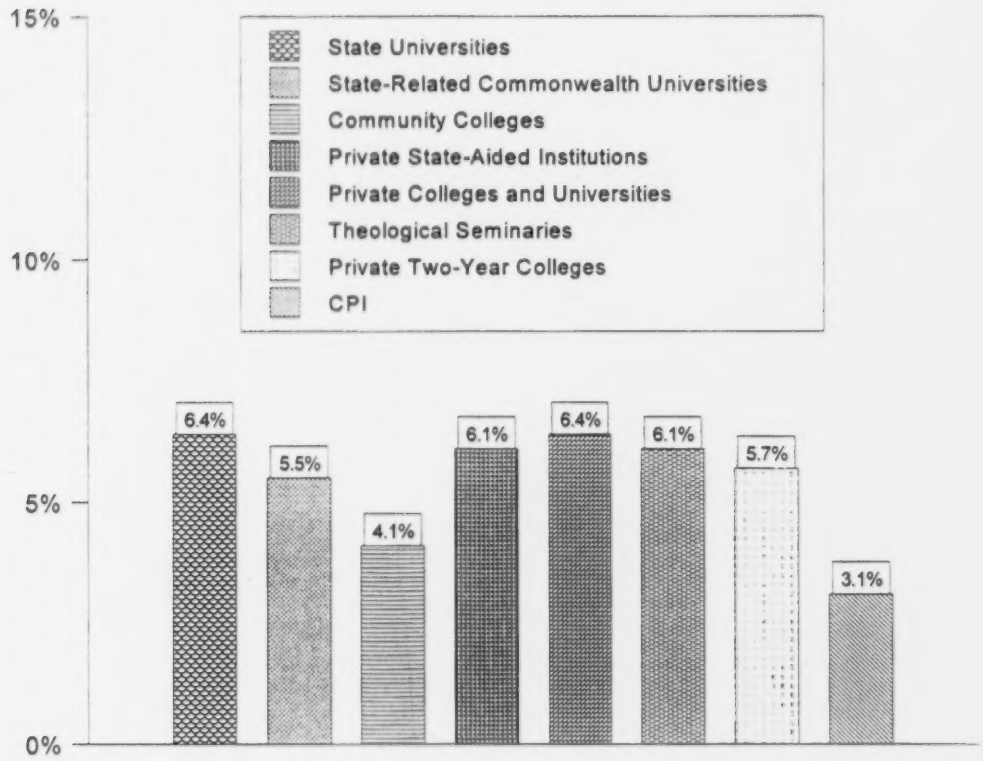
AVERAGE COMBINED ROOM AND BOARD CHARGES BY INSTITUTIONAL CATEGORY
1989-90 THROUGH 1998-99

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
State Universities	$ 2,492	$ 2,713	$ 2,978	$ 3,148	$ 3,334	$ 3,457	$ 3,572	$ 3,751	$ 3,879	$ 3,989
State-Related Commonwealth Universities	3,326	3,531	3,734	3,918	4,119	4,376	4,595	4,786	5,095	5,324
Private State-Aided Institutions	4,373	4,571	4,942	5,061	6,430	6,848	7,073	7,323	7,369	7,601
Private Colleges and Universities	3,649	3,906	4,191	4,433	4,665	4,874	5,073	5,279	5,512	5,746
Theological Seminaries	2,661	2,549	2,661	2,896	2,829	2,880	2,742	3,142	3,315	3,673
Private Two-Year Colleges	3,343	3,439	3,664	3,974	4,177	4,243	4,585	4,730	4,984	4,931
College of Technology	-	2,675	3,119	3,270	3,415	3,650	3,910	4,025	4,150	4,246

Note: 1. Community colleges are not listed because only Northampton County Area Community College reported room and board charges.
2. Room and board charges for the Thaddeus Stevens College of Technology were included starting in 1990-91 because Act 211 of 1990 authorized this school to grant associate degrees.

FIGURE 2

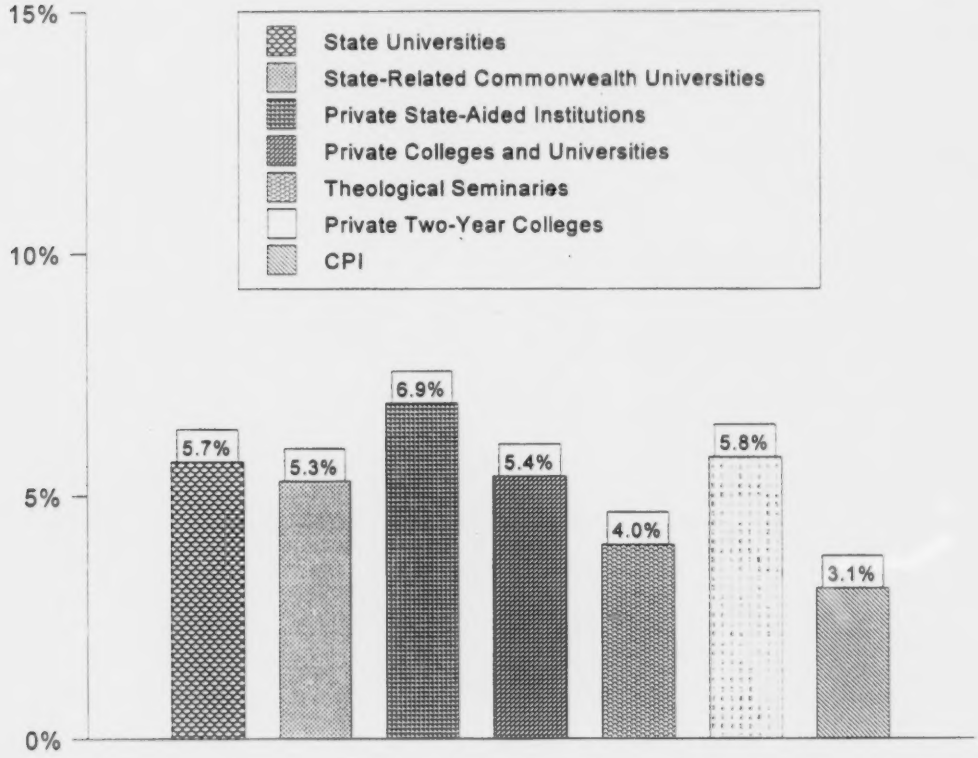
AVERAGE ANNUAL INCREASE IN UNDERGRADUATE IN-STATE TUITION
AND REQUIRED FEES VS THE CONSUMER PRICE INDEX
1989-90 THROUGH 1998-99



Note: Average annual increase in undergraduate in-state tuition and required fees for the Thaddeus Stevens College of Technology is not included because this school was not authorized to grant associate degrees prior to passage of Act 211 of 1990.

FIGURE 3

AVERAGE ANNUAL INCREASE IN ROOM AND BOARD CHARGES
VS THE CONSUMER PRICE INDEX
1989-90 THROUGH 1998-99



Note: 1. Average annual increase in room and board charges for the Thaddeus Stevens College of Technology is not included because this school was not authorized to grant associate degrees prior to passage of Act 211 of 1990.
2. Community colleges are not included because only Northampton County Area Community College reported room and board charges.

BEST COPY AVAILABLE

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
STATE UNIVERSITIES							
Bloomsburg University	$ 4,278	$ 9,634	$ 4,133	$ 6,901	$ 3,550	$ 1,994	$ 1,556
California University	4,545	9,901	4,441	7,209	4,288	2,118	2,170
Cheyney University	4,023	9,379	3,850	6,618	4,528	2,250	2,278
Clarion University	4,569	8,905	4,469	7,237	3,480	2,100	1,380
East Stroudsburg University	4,314	9,670	4,168	6,936	3,780	2,312	1,468
Edinboro University	4,193	10,084	4,366	7,549	3,884	1,994	1,890
Indiana University	4,244	9,600	4,133	6,901	3,662	2,020	1,642
Kutztown University	4,251	9,607	4,111	6,879	3,820	2,686	1,134
Lock Haven University	4,071	7,427	4,071	6,939	4,132	2,176	1,956
Mansfield University	4,410	9,766	4,010	6,778	3,760	2,120	1,640
Millersville University	4,429	9,785	4,429	7,197	4,650	2,630	2,020
Shippensburg University	4,344	9,700	4,144	6,912	4,114	2,402	1,712
Slippery Rock University	4,311	9,667	4,485	7,667	3,722	1,992	1,730
West Chester University	4,248	9,604	4,128	6,896	4,478	2,860	1,618
STATE-RELATED COMMONWEALTH UNIVERSITIES							
Lincoln University	4,595	7,210	5,830	9,580	4,795	2,625	2,170
Penn College/PSU Affiliate	6,795	8,022	-	-	3,860	2,860	1,000
Penn State Dickinson School of Law	-	-	15,190	15,190	-	3,500	-
Pennsylvania State University							
Main Campus	6,092	12,908	6,786	13,712	4,840	2,180	2,660
Abington College	5,944	9,138	-	-	-	-	-
Altoona College	5,964	9,138	-	-	4,840	2,180	2,660
Berks-Lehigh Valley College-Berks	5,964	9,138	-	-	4,840	2,180	2,660

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
Berks-Lehigh Valley College-Lehigh	$ 5,906	$ 9,044	$ -	$ -	$ -	$ -	$ -
Capital College-Harrisburg	6,072	12,006	6,766	12,748	4,840	2,180	2,660
Capital College-Schuylkill	5,886	9,024	-	-	4,840	2,180	2,660
College of Medicine	-	-	6,714	13,640	-	-	-
Commonwealth College-Beaver	5,896	9,034	-	-	4,840	2,180	2,660
Commonwealth College-Delaware County	5,896	9,034	-	-	-	-	-
Commonwealth College-Dubois	5,886	9,024	-	-	-	-	-
Commonwealth College-Fayette	5,886	9,024	-	-	-	-	-
Commonwealth College-Hazleton	5,886	9,024	-	-	4,840	2,180	2,660
Commonwealth College-McKeesport	5,886	9,024	-	-	4,840	2,180	2,660
Commonwealth College-Mont Alto	5,886	9,024	-	-	4,840	2,180	2,660
Commonwealth College-New Kensington	5,886	9,024	-	-	-	-	-
Commonwealth College-Shenango	5,886	9,024	-	-	-	-	-
Commonwealth College-Wilkes-Barre	5,896	9,034	-	-	-	-	-
Commonwealth College-Worthington-Scranton	5,886	9,024	-	-	-	-	-
Commonwealth College-York	5,886	9,024	-	-	-	-	-
Erie-The Behrend College	6,092	12,026	6,786	12,768	4,840	2,180	2,660
Great Valley Graduate Center	-	-	343 /cr	611/cr	-	-	-
Temple University	6,378	11,408	8,032	10,936	6,064	3,906	2,158
University of Pittsburgh							
Main Campus	6,424	13,458	8,498	16,988	5,598	3,258	2,340
Bradford Campus	6,334	13,368	-	-	4,790	2,470	2,320
Greensburg Campus	6,348	13,382	-	-	4,320	2,280	2,040
Johnstown Campus	6,396	13,430	-	-	4,870	2,850	2,020
Titusville Campus	6,144	12,898	-	-	5,020	2,710	2,310

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
COMMUNITY COLLEGES							
Bucks County Community College	$ 2,264	$ 7,124	$ -	$ -	$ -	$ -	$ -
Butler County Community College	1,710	4,830	-	-	-	-	-
Cambria County Area Community College	1,590	5,910	-	-	-	-	-
Community College of Allegheny County	2,140	6,376	-	-	-	-	-
Community College of Beaver County	2,120	6,860	-	-	-	-	-
Community College of Philadelphia	2,370	6,690	-	-	-	-	-
Delaware County Community College	2,250	6,360	-	-	-	-	-
Harrisburg Area Community College							
Main Campus	2,003	5,798	-	-	-	-	-
Lancaster Campus	2,003	5,798	-	-	-	-	-
Lebanon Campus	2,003	5,798	-	-	-	-	-
Lehigh Carbon Community College	2,160	6,480	-	-	-	-	-
Luzerne County Community College	1,800	4,980	-	-	-	-	-
Montgomery County Community College	2,280	6,780	-	-	-	-	-
Northampton County Area Community College							
Main Campus	2,280	7,200	-	-	4,400	2,800	1,600 [1]
Monroe Campus	2,280	7,200	-	-	-	-	-
Northwest Pennsylvania Technical Institute	2,190	6,570	-	-	-	-	-
Reading Area Community College	2,040	5,580	-	-	-	-	-
Westmoreland County Community College	1,440	4,350	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS							
Drexel University	15,574	15,574	19,047	19,047	7,966	4,953	3,013 [1]
MCP Hahnemann University [2]	10,075	10,075	11,625	11,625	-	3,888	-

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
Pennsylvania College of Optometry	$ -	$ -	$ 9,100	$ 9,100	$ -	$ 4,500	$ -
Philadelphia College of Osteopathic Medicine	-	-	12,275	12,275	-	-	-
Thomas Jefferson University	16,140	16,140	17,675	17,675	-	-	-
University of Pennsylvania	23,254	23,254	24,200	24,200	7,236	4,560	2,676 1/
University of the Arts	15,800	15,800	15,800	15,800	-	4,300	-
PRIVATE COLLEGES AND UNIVERSITIES							
Academy of the New Church	5,067	5,067	168 /cr	168 /cr	4,152	1,955	2,197
Albright College	18,890	18,890	-	-	5,612	3,140	2,472
Allegheny College	20,020	20,020	-	-	4,840	2,410	2,430
Allentown College of St. Francis de Sales	12,510	12,510	370 /cr	370 /cr	5,600	2,900	2,700
Alvernia College	12,110	12,110	-	-	5,300	2,700	2,600
American College	-	-	163 /cr	163 /cr	-	-	-
Baptist Bible College and Seminary	7,980	7,980	-	-	4,622	1,824	2,798
Beaver College	16,520	16,520	16,720	16,720	6,900	4,250	2,650
Bryn Mawr College	22,490	22,490	19,990	19,990	7,870	4,560	3,310
Bucknell University	22,005	22,005	20,000	20,000	5,355	2,865	2,490
Cabrini College	14,650	14,650	8,250	8,250	6,900	3,450	3,450
Carlow College	12,332	12,332	390 /cr	390 /cr	4,880	2,692	2,188
Carnegie-Mellon University	21,405	21,405	21,405	21,405	6,555	3,965	2,590
Cedar Crest College	16,550	16,550	-	-	5,976	3,224	2,752
Chatham College	16,406	16,406	15,792	15,792	5,940	2,970	2,970
Chestnut Hill College	15,333	15,333	350 /cr	350 /cr	6,510	2,930	3,580
College Misericordia	14,520	14,520	10,248	10,248	6,210	3,400	2,810
Curtis Institute of Music	695 3/	695 3/	695 3/	695 3/	-	-	-
Delaware Valley College	14,826	14,826	-	-	5,535	2,563	2,972

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
Dickinson College	$22,600	$22,600	$ -	$ -	$ 6,030	$ 3,080	$ 2,950
Duquesne University	16,404	16,404	13,248	13,248	6,158	3,344	2,814
Eastern College	13,235	13,235	8,987	8,987	5,654	2,818	2,836
Elizabethtown College	17,500	17,500	-	-	5,200	2,600	2,600
Franklin and Marshall College	23,214	23,214	-	-	5,400	3,600	1,800
Gannon University	12,744	12,744	-	-	5,590	3,240	2,350
Geneva College	12,080	12,080	-	-	4,850	2,400	2,450
Gettysburg College	23,216	23,216	-	-	5,346	2,868	2,478
Gratz College	6,900	6,900	-	-	-	-	-
Grove City College	6,740	6,740	8,190	8,190	3,912	1,412	2,500
Gwynedd-Mercy College	13,303	13,303	7,236	7,236	5,800	2,900	2,900
Haverford College	22,860	22,860	-	-	7,370	4,060	3,310
Holy Family College	11,120	11,120	7,810	7,810	-	-	-
Immaculata College	12,800	12,800	8,280	8,280	6,200	3,275	2,925
Juniata College	17,820	17,820	-	-	4,960	2,580	2,380
Keystone College 4/	10,960	10,960	-	-	6,040	3,020	3,020
King's College	14,970	14,970	460 /cr	460 /cr	6,360	2,970	3,390
La Roche College	10,780	10,780	9,240	9,240	5,624	3,368	2,256
La Salle University	16,010	16,010	12,008	12,008	7,288	3,748	3,540 5/
Lafayette College	22,049	22,049	-	-	6,841	3,715	3,126
Lancaster Bible College	8,900	8,900	4,875	4,875	3,950	1,600	2,350
Lebanon Valley College	16,610	16,610	277 /cr	277 /cr	5,300	2,575	2,725
Lehigh University	22,300	22,300	19,920	19,920	6,410	3,580	2,830
Lycoming College	16,810	16,810	-	-	4,770	2,500	2,270
Marywood University	14,020	14,020	11,306	11,306	6,200	3,250	2,950

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	in-State	Out-of-State			
Mercyhurst College	$12,789	$12,789	$ 7,035	$ 7,035	$ 4,884	$ 2,442	$ 2,442
Messiah College	13,880	13,880	-	-	5,500	2,800	2,700
Moore College of Art and Design	15,550	15,550	-	-	6,000	3,600	2,400
Moravian College/Theological Seminary	17,841	17,841	10,048	10,048	6,050	3,440	2,610
Mount Aloysius College	9,520	9,520	-	-	4,580	1,990	2,590
Muhlenberg College	19,300	19,300	-	-	5,200	2,690	2,510
Neumann College	13,520	13,520	9,840	9,840	6,580	3,760	2,820
Peirce College	8,190	8,190	-	-	-	-	-
Pennsylvania Academy of the Fine Arts	9,780	9,780	15,280	15,280	-	-	-
Philadelphia College of Bible	9,520	9,520	6,600	6,600	4,890	2,290	2,600
Philadelphia College of Textiles and Science	14,186	14,186	10,752	10,752	6,354	3,094	3,260
Point Park College	11,958	11,958	8,736	8,736	5,252	2,550	2,702
Robert Morris College	8,912	8,912	8,232	8,232	5,512	3,012	2,500
Rosemont College	14,020	14,020	12,500	12,500	6,760	4,560	2,200
Saint Francis College	13,510	13,510	10,080	10,080	6,290	2,990	3,300
Saint Joseph's University	17,355	17,355	11,760	11,760	7,423	4,773	2,650
Saint Vincent College	13,780	13,780	-	-	4,894	2,446	2,448
Saint Vincent Seminary	-	-	8,882	8,882	5,542	2,710	2,832
Seton Hill College	13,500	13,500	8,640	8,640	4,800	2,304	2,496
Susquehanna University	19,030	19,030	-	-	5,390	2,860	2,530
Swarthmore College	23,240	23,240	-	-	7,500	3,854	3,646
Thiel College	13,916	13,916	-	-	5,374	2,738	2,636
University of Scranton	16,820	16,820	11,210	11,210	7,346	4,278	3,068
University of the Sciences in Philadelphia [6/]	14,060	14,060	13,580	13,580	6,773	4,285	2,488
Ursinus College	18,520	18,520	-	-	5,880	2,940	2,940
Valley Forge Christian College	6,548	6,548	-	-	3,740	1,670	2,070

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
Villanova University	$19,610	$19,610	$11,652	$11,652	$ 7,767	$ 4,107	$ 3,660
Washington and Jefferson College	18,600	18,600	-	-	4,350	2,110	2,240
Waynesburg College	10,970	10,970	7,680	7,680	4,430	2,250	2,180
Westminster College	15,510	15,510	9,072	9,072	4,540	2,260	2,280
Widener University	15,750	15,750	10,240	10,240	6,510	3,260	3,250
Wilkes University	15,702	15,702	12,792	12,792	6,830	4,120	2,710
Wilson College	13,215	13,215	-	-	6,000	3,090	2,910
York College of Pennsylvania	6,310	6,310	7,076	7,076	4,550	2,230	2,320
THEOLOGICAL SEMINARIES							
Biblical Theological Seminary	-	-	6,480	6,480	-	-	-
Calvary Baptist Theological Seminary	-	-	4,040	4,040	-	-	-
Christ the Saviour Seminary	2,575	2,575	-	-	1,200	500	700
Eastern Baptist Theological Seminary	-	-	3,725	3,725	-	2,538	-
Evangelical School of Theology	-	-	6,030	6,030	-	1,200	-
Faith Theological Seminary	3,000	3,000	4,000	4,000	-	-	-
Lancaster Theological Seminary	-	-	8,625	8,625	-	2,835	-
Lutheran Theological Seminary - Gettysburg	-	-	6,945	6,945	2,950	1,400	1,550 5/
Lutheran Theological Seminary - Philadelphia	-	-	6,978	6,978	4,840	2,980	1,860 1/
Pittsburgh Theological Seminary	-	-	7,392	7,392	-	1,716	-
Reformed Presbyterian Theological Seminary	-	-	-	-	975	500	475 7/
Saint Charles Borromeo Seminary	7,650	7,650	7,650	7,650	5,250	1,750	3,500
Saint Tikhon's Orthodox Theological Seminary	2,850	2,850	-	-	1,650	600	1,050
Trinity Episcopal School for Ministry	-	-	5,610	5,610	-	-	-
Westminster Theological Seminary	-	-	8,595	8,595	-	2,050	-

TABLE 4

BASIC STUDENT CHARGES BY INSTITUTION
1998-99

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate		Combined Room and Board	Room	Board
	In-State	Out-of-State	In-State	Out-of-State			
PRIVATE TWO-YEAR COLLEGES							
Harcum College	$ 9,578	$ 9,578	$ -	$ -	$ 5,442	$ 2,721	$ 2,721
Johnson Technical Institute	7,540	7,540	-	-	2,380	2,380	-
Lackawanna Junior College	7,450	7,450	-	-	-	-	-
Manor College	7,796	7,796	-	-	4,100	1,640	2,460 1/
Pennsylvania Institute of Technology	7,572	7,572	-	-	-	-	-
Valley Forge Military College	15,450	15,450	-	-	5,250	3,250	2,000
COLLEGE OF TECHNOLOGY							
Thaddeus Stevens College of Technology	4,620	-	-	-	4,246	1,720	2,526

1/ Board charge is for five days per week.
2/ Formerly Allegheny University of the Health Sciences.
3/ Registration fees only. Not included in averages.
4/ Formerly categorized with private two-year colleges.
5/ Board charge is for six days per week.
6/ Formerly Philadelphia College of Pharmacy and Science.
7/ Board charge is for noon meals four days per week. Not included in averages.

Note: A dash (-) indicates "not applicable."

BEST COPY AVAILABLE

TABLE 5

TUITION AND REQUIRED FEES FOR FIRST-PROFESSIONAL PROGRAMS
1998-99

	IN-STATE	OUT-OF-STATE
DENTISTRY		
Temple University	$20,274	$28,138
University of Pennsylvania		
First Year	34,510	34,510
Advanced	37,090	37,090
University of Pittsburgh	19,630	28,340
LAW		
Duquesne University		
Day	15,602	15,602
Evening	12,038	12,038
Penn State Dickinson School of Law	15,190	15,190
Temple University	9,206	15,912
University of Pennsylvania	25,660	25,660
University of Pittsburgh	12,392	19,098
Villanova University	19,500	19,500
Widener University	18,550	18,550
MEDICINE		
MCP Hahnemann University [1/]	26,250	26,250
Pennsylvania State University	16,824	24,550
Temple University	23,388	28,580
Thomas Jefferson University	26,770	26,770
University of Pennsylvania	29,865	29,865
University of Pittsburgh	21,014	28,204
OPTOMETRY		
Pennsylvania College of Optometry	15,385	21,085 [2/]
OSTEOPATHY		
Lake Erie College of Osteopathic Medicine	21,500	22,500
Philadelphia College of Osteopathic Medicine	22,425	22,425
PHARMACY		
Duquesne University	18,652	18,652
Temple University	10,730	15,974
University of Pittsburgh	10,454	14,416
University of the Sciences in Philadelphia [3/]	15,420	15,420
Wilkes University	15,702	15,702

TABLE 5

TUITION AND REQUIRED FEES FOR FIRST-PROFESSIONAL PROGRAMS
1998-99

	IN-STATE	OUT-OF-STATE
PODIATRY		
Temple University	$19,818	$21,354
THEOLOGY		
Academy of the New Church	5,067	5,067
Baptist Bible College and Seminary	5,544	5,544
Biblical Theological Seminary	6,480	6,480
Calvary Baptist Theological Seminary	4,040	4,040
Eastern Baptist Theological Seminary	7,730	7,730
Evangelical School of Theology	6,030	6,030
Faith Theological Seminary	4,000	4,000
Lancaster Theological Seminary	8,625	8,625
Lutheran Theological Seminary - Gettysburg	6,945	6,945
Lutheran Theological Seminary - Philadelphia	8,450	8,450
Moravian College/Theological Seminary	7,920	7,920
Philadelphia Theological Seminary	5,025	5,025
Pittsburgh Theological Seminary	7,392	7,392
Reconstructionist Rabbinical College	8,627	8,627
Reformed Presbyterian Theological Seminary	5,940	5,940
Saint Charles Borromeo Seminary	7,650	7,650
Saint Tikhon's Orthodox Theological Seminary	2,640	2,640
Saint Vincent College (Saint Vincent Seminary)	8,882	8,882
Trinity Episcopal School for Ministry	5,610	5,610
Westminster Theological Seminary	8,595	8,595
VETERINARY MEDICINE		
University of Pennsylvania	22,892 4/	27,218

1/ Formerly Allegheny University of the Health Sciences.
2/ Possible reduction of $4,000-$8,025 in tuition for students from contract states.
3/ Formerly Philadelphia College of Pharmacy and Science.
4/ Tuition and required fees for students from New Jersey and Pennsylvania.

FALL ENROLLMENTS

OVERVIEW

Total enrollments in 1998 reached 579,476, an increase of 6,917 (1.2%) from the previous year. With the exception of private two-year colleges, enrollments in all institutional categories showed increases. The decrease for private two-year colleges was attributed to the movement of Keystone College from this category to the four-year private college and university category. If the effect of this movement was eliminated, private two-year college enrollments decreased by only 31 in 1998.

Total enrollments increased by 4.0% since 1989. The analysis by level of enrollment showed undergraduate enrollments peaked in 1992 at 491,453, declined to 471,484 by 1996 and increased to 480,192 in 1998. Graduate enrollments peaked in 1994 at 82,505, declined to 80,582 by 1996 and increased to 82,093 in 1998. Enrollments in first-professional programs increased every year, with the exception of 1997, and registered a ten year high of 17,191 in 1998.

Based on the latest available data, females had the largest percentage of enrollments in all age groups in 1997. This was most pronounced in the 35-64 age group where females outnumbered males approximately 2 to 1.

Male enrollments increased by 3,516 and female enrollments increased by 3,401 in 1998 when compared with the previous year. However, female enrollments grew at a faster rate than male enrollments since 1989. When reviewed by enrollment status, the percentage of females enrolled full-time grew from 61.3% in 1989 to 65.2% in 1998, an increase of 3.9 percentage points, while full-time male enrollees increased from 70.4% to 70.8%, an increase of 0.4 percentage point.

Minority enrollments made significant progress, increasing from 79,434 in 1997 to 82,476 in 1998, an increase of 3,042 students. Minority enrollments have also been increasing faster than nonminority enrollments during the past decade. Since 1988, the proportion of minority enrollments increased from 9.2% to 14.2% in 1998. Specifically, the proportion of black enrollments jumped from 6.1% to 8.2% during the same period. On the other hand, the nonminority proportion decreased from 88.4% to 82.7%. Nonresident alien enrollments increased from 2.4% in 1988 to 3.1% in 1998. More than 50% of nonresident aliens were enrolled at the graduate level since 1988.

TABLE 6

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND SEX
1998

	TOTAL	MALE			FEMALE		
		Total	Full-Time %	Part-Time %	Total	Full-Time %	Part-Time %
TOTAL	**579,476**	**259,554**	**70.8**	**29.2**	**319,922**	**65.2**	**34.8**
State Universities	95,051	39,048	85.1	14.9	56,003	80.0	20.0
State-Related Comm Universities	142,765	71,951	79.5	20.5	70,814	75.3	24.7
Community Colleges	110,160	47,006	35.0	65.0	63,154	31.7	68.3
Private State-Aided Institutions	42,335	22,130	79.8	20.2	20,205	77.2	22.8
Private Colleges and Universities	182,048	75,235	75.2	24.8	106,813	68.6	31.4
Theological Seminaries	3,323	2,244	48.4	51.6	1,079	34.6	65.4
Private Two-Year Colleges	3,296	1,472	76.8	23.2	1,824	61.2	38.8
College of Technology	498	468	100.0	0.0	30	100.0	0.0

TABLE 7

FALL ENROLLMENTS BY AGE AND SEX
1997

	TOTAL	MALE		FEMALE	
		Enrollments	%	Enrollments	%
TOTAL	**572,559**	**256,038**	**44.7**	**316,521**	**55.3**
Under 18	7,158	2,517	35.2	4,641	64.8
18-24	355,251	165,711	46.6	189,540	53.4
25-34	112,384	52,308	46.5	60,076	53.5
35-49	72,828	25,673	35.3	47,155	64.7
50-64	12,039	4,022	33.4	8,017	66.6
65 & Above	2,731	1,151	42.1	1,580	57.9
Unknown	10,168	4,656	45.8	5,512	54.2

Note: Data for age distribution is collected in odd numbered years.

TABLE 8

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND LEVEL
1998

	TOTAL ENROLLMENTS			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
TOTAL (142)	**579,476**	**392,257**	**187,219**	**259,554**	**183,772**	**75,782**	**319,922**	**208,485**	**111,437**	**459,768.6**
Undergraduate	480,192	344,661	135,531	213,949	159,726	54,223	266,243	184,935	81,308	393,691.2
First-Time Freshmen	104,210	87,249	16,961	48,042	40,540	7,502	56,168	46,709	9,459	93,080.7
First-Professional	17,191	15,669	1,522	9,438	8,539	899	7,753	7,130	623	16,529.9
Graduate	82,093	31,927	50,166	36,167	15,507	20,660	45,926	16,420	29,506	49,547.5
STATE UNIVERSITIES (14)	95,051	78,023	17,028	39,048	33,247	5,801	56,003	44,776	11,227	84,061.7
Undergraduate	83,469	74,472	8,997	35,401	31,972	3,429	48,068	42,500	5,568	77,868.2
First-Time Freshmen	16,972	16,673	299	7,007	6,900	107	9,965	9,773	192	16,798.1
Graduate	11,582	3,551	8,031	3,647	1,275	2,372	7,935	2,276	5,659	6,193.5
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	142,765	110,469	32,296	71,951	57,179	14,772	70,814	53,290	17,524	122,469.2
Undergraduate	112,302	94,259	18,043	56,901	48,644	8,257	55,401	45,615	9,786	101,042.0
First-Time Freshmen	21,206	20,806	400	10,815	10,662	153	10,391	10,144	247	20,975.4
First-Professional	5,476	5,127	349	3,115	2,925	190	2,361	2,202	159	5,422.3
Graduate	24,987	11,083	13,904	11,935	5,610	6,325	13,052	5,473	7,579	16,004.9
COMMUNITY COLLEGES (15)	110,160	36,478	73,682	47,006	16,435	30,571	63,154	20,043	43,111	62,584.2
Undergraduate	110,160	36,478	73,682	47,006	16,435	30,571	63,154	20,043	43,111	62,584.2
First-Time Freshmen	27,575	12,969	14,606	12,713	6,089	6,624	14,862	6,880	7,982	17,910.5
PRIVATE STATE-AIDED INSTITUTIONS (7)	42,335	33,259	9,076	22,130	17,667	4,463	20,205	15,592	4,613	36,403.8
Undergraduate	23,891	19,232	4,659	12,680	10,380	2,300	11,211	8,852	2,359	20,839.6
First-Time Freshmen	5,186	4,795	391	2,822	2,644	178	2,364	2,151	213	4,928.4
First-Professional	6,029	5,985	44	3,221	3,193	28	2,808	2,792	16	5,999.7
Graduate	12,415	8,042	4,373	6,229	4,094	2,135	6,186	3,948	2,238	9,564.5

TABLE 8

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND LEVEL
1998

	TOTAL ENROLLMENTS			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
PRIVATE COLLEGES AND UNIVERSITIES (79)	182,048	129,826	52,222	75,235	56,561	18,674	106,813	73,265	33,548	148,966.5
Undergraduate	146,280	117,347	28,933	59,854	50,576	9,278	86,426	66,771	19,655	128,071.2
First-Time Freshmen	31,776	30,703	1,073	13,719	13,373	346	18,057	17,330	727	31,096.9
First-Professional	4,132	3,748	384	2,054	1,847	207	2,078	1,901	177	3,969.4
Graduate	31,636	8,731	22,905	13,327	4,138	9,189	18,309	4,593	13,716	16,925.9
THEOLOGICAL SEMINARIES (16)	3,323	1,458	1,865	2,244	1,085	1,159	1,079	373	706	2,163.4
Undergraduate	296	129	167	167	121	46	129	8	121	166.2
First-Time Freshmen	17	17	0	13	13	0	4	4	0	17.0
First-Professional	1,554	809	745	1,048	574	474	506	235	271	1,138.5
Graduate	1,473	520	953	1,029	390	639	444	130	314	858.7
PRIVATE TWO-YEAR COLLEGES (6)	3,296	2,246	1,050	1,472	1,130	342	1,824	1,116	708	2,621.8
Undergraduate	3,296	2,246	1,050	1,472	1,130	342	1,824	1,116	708	2,621.8
First-Time Freshmen	1,187	995	192	679	585	94	508	410	98	1,063.4
COLLEGE OF TECHNOLOGY (1)	498	498	0	468	468	0	30	30	0	498.0
Undergraduate	498	498	0	468	468	0	30	30	0	498.0
First-Time Freshmen	291	291	0	274	274	0	17	17	0	291.0

Note: Undergraduate data includes first-time freshmen.

TABLE 9

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY, LEVEL, RACE AND SEX
1998

	TOTAL		AMERICAN INDIAN/ ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)		NONRESIDENT ALIEN	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL (142)	**259,554**	**319,922**	**717**	**833**	**10,678**	**10,841**	**17,390**	**30,358**	**5,052**	**6,607**	**215,050**	**263,904**	**10,667**	**7,379**
Undergraduate	213,949	266,243	598	684	8,256	8,591	15,186	26,167	4,249	5,718	181,326	221,319	4,334	3,764
First-Time Freshmen	48,042	56,168	132	148	1,949	2,015	3,719	5,285	1,107	1,409	40,255	46,568	880	743
First-Professional	9,438	7,753	31	27	1,032	930	461	691	283	193	7,288	5,736	343	176
Graduate	36,167	45,926	88	122	1,390	1,320	1,743	3,500	520	696	26,436	36,849	5,990	3,439
STATE UNIVERSITIES (14)	39,048	56,003	118	149	405	504	2,469	3,183	517	649	34,834	50,914	705	604
Undergraduate	35,401	48,068	106	127	358	414	2,249	2,593	485	565	31,677	43,934	526	435
First-Time Freshmen	7,007	9,965	24	32	67	78	497	631	132	134	6,192	9,023	95	67
Graduate	3,647	7,935	12	22	47	90	220	590	32	84	3,157	6,980	179	169
STATE-RELATED COMM UNIVERSITIES (4)	71,951	70,814	143	182	3,490	3,299	5,066	8,643	1,386	1,695	58,653	54,954	3,213	2,041
Undergraduate	56,901	55,401	101	119	2,649	2,508	4,127	6,889	1,041	1,333	48,242	44,002	741	550
First-Time Freshmen	10,815	10,391	19	16	509	487	844	1,321	222	289	9,127	8,200	94	78
First-Professional	3,115	2,361	14	14	391	320	167	277	122	82	2,378	1,644	43	24
Graduate	11,935	13,052	28	49	450	471	772	1,477	223	280	8,033	9,308	2,429	1,467
COMMUNITY COLLEGES (15)	47,006	63,154	244	233	1,471	1,660	4,915	9,369	1,036	1,738	39,082	49,831	258	323
Undergraduate	47,006	63,154	244	233	1,471	1,660	4,915	9,369	1,036	1,738	39,082	49,831	258	323
First-Time Freshmen	12,713	14,862	52	52	426	408	1,367	2,049	297	476	10,479	11,765	92	112
PRIVATE STATE-AIDED INSTITUTIONS (7)	22,130	20,205	60	57	2,417	2,155	1,168	1,861	601	563	15,095	13,787	2,789	1,782
Undergraduate	12,680	11,211	34	30	1,664	1,441	801	1,212	381	354	8,859	7,465	941	709
First-Time Freshmen	2,822	2,364	6	3	404	370	174	222	85	87	1,968	1,541	185	141
First-Professional	3,221	2,808	10	10	393	386	139	232	119	91	2,369	1,956	191	133
Graduate	6,229	6,186	16	17	360	328	228	417	101	118	3,867	4,366	1,657	940

TABLE 9

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY, LEVEL, RACE AND SEX
1998

	TOTAL		AMERICAN INDIAN/ ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)		NONRESIDENT ALIEN	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PRIVATE COLLEGES AND UNIVERSITIES (79)	75,235	106,813	142	205	2,648	3,139	3,297	6,925	1,417	1,927	64,271	92,045	3,460	2,572
Undergraduate	59,854	86,426	110	170	2,073	2,537	2,801	5,884	1,244	1,699	51,826	74,425	1,800	1,711
First-Time Freshmen	13,719	18,057	29	44	528	665	659	1,005	341	413	11,777	15,597	385	333
First-Professional	2,054	2,078	2	3	145	216	34	63	22	18	1,826	1,766	25	12
Graduate	13,327	18,309	30	32	430	386	462	978	151	210	10,619	15,854	1,635	849
THEOLOGICAL SEMINARIES (16)	2,244	1,079	8	3	214	55	191	215	44	6	1,601	774	186	26
Undergraduate	167	129	1	1	8	2	9	58	11	0	126	63	12	5
First-Time Freshmen	13	4	0	0	1	0	1	0	2	0	5	0	4	4
First-Professional	1,048	506	5	0	103	8	121	119	20	2	715	370	84	7
Graduate	1,029	444	2	2	103	45	61	38	13	4	760	341	90	14
PRIVATE TWO-YEAR COLLEGES (6)	1,472	1,824	2	4	30	29	184	159	35	27	1,165	1,574	56	31
Undergraduate	1,472	1,824	2	4	30	29	184	159	35	27	1,165	1,574	56	31
First-Time Freshmen	679	508	2	1	11	7	107	55	20	8	514	429	25	8
COLLEGE OF TECHNOLOGY (1)	468	30	0	0	3	0	100	3	16	2	349	25	0	0
Undergraduate	468	30	0	0	3	0	100	3	16	2	349	25	0	0
First-Time Freshmen	274	17	0	0	3	0	70	2	8	2	193	13	0	0

Note: Undergraduate data includes first-time freshmen.

TABLE 10

FALL ENROLLMENTS BY LEVEL AND STATUS
BY SELECTED YEARS

	TOTAL	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
		Full-Time	Part-Time	Full-Time Equivalent	Full-Time	Part-Time	Full-Time Equivalent	Full-Time	Part-Time	Full-Time Equivalent
1990	566,027	327,029	148,967	379,908	13,061	959	13,597	27,369	48,642	44,108
1992	587,977	334,211	157,242	392,428	14,058	1,402	14,771	30,283	50,781	47,700
1994	571,887	327,945	145,519	381,016	14,589	1,329	15,403	31,056	51,449	49,053
1996	568,222	332,373	139,111	383,398	14,824	1,332	15,553	31,126	49,456	47,972
1998	579,476	344,661	135,531	393,691	15,669	1,522	16,530	31,927	50,166	49,548

TABLE 11

FALL ENROLLMENTS BY SEX AND STATUS
BY SELECTED YEARS

	TOTAL	MALE				FEMALE			
		Full-Time		Part-Time		Full-Time		Part-Time	
		Number	%	Number	%	Number	%	Number	%
1990	566,027	181,232	70.0	77,828	30.0	186,227	60.7	120,740	39.3
1992	587,977	185,278	69.4	81,847	30.6	193,274	60.2	127,578	39.8
1994	571,887	179,207	69.4	78,928	30.6	194,383	62.0	119,369	38.0
1996	568,222	178,621	69.9	76,954	30.1	199,702	63.9	112,945	36.1
1998	579,476	183,772	70.8	75,782	29.2	208,485	65.2	111,437	34.8

FIGURE 4

FALL ENROLLMENTS BY LEVEL AND SEX
1989 AND 1998

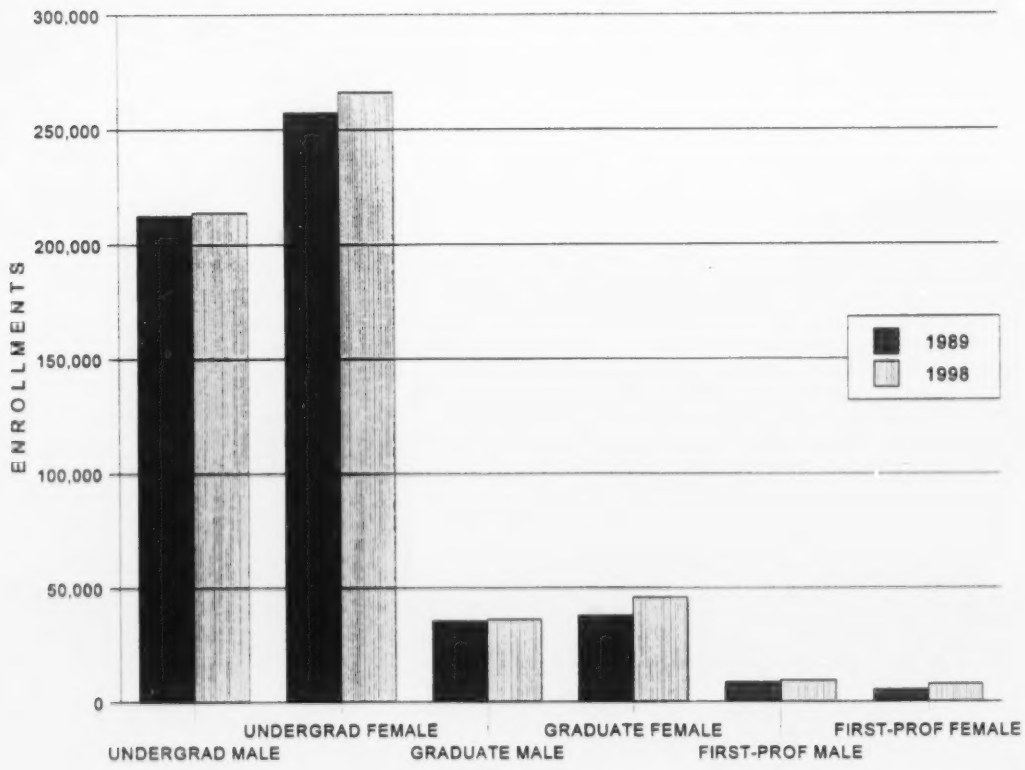
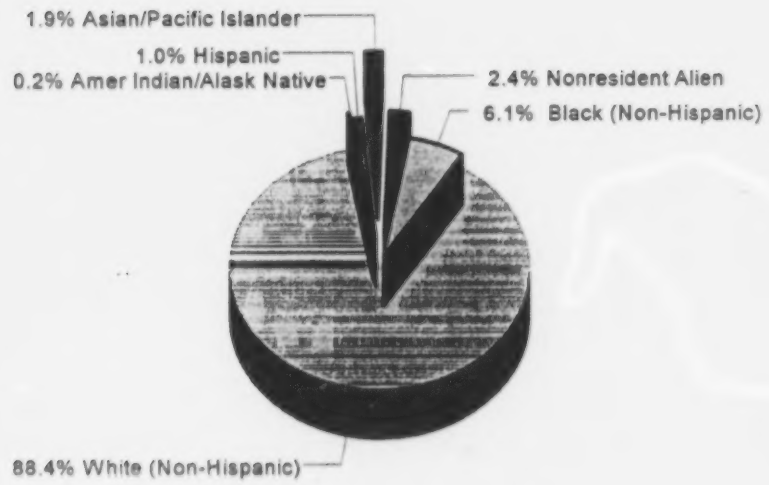
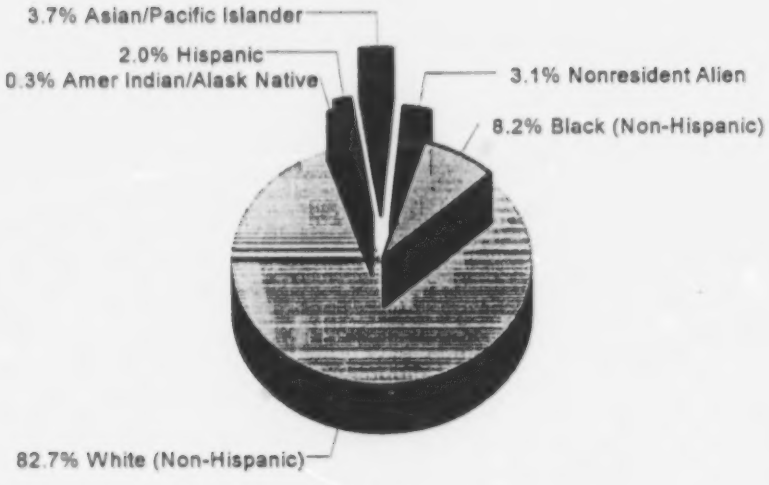


FIGURE 5

FALL ENROLLMENTS BY RACE
1988 AND 1998



1988



1998

TABLE 12

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND RACE
1988 AND 1998

	TOTAL		NONMINORITY %		MINORITY %		NONRESIDENT ALIEN %	
	1988	1998	1988	1998	1988	1998	1988	1998
TOTAL	**542,315**	**579,476**	**88.4**	**82.7**	**9.2**	**14.2**	**2.4**	**3.1**
State Universities	92,375	95,051	92.3	90.2	6.3	8.4	1.4	1.4
State-Related Commonwealth Universities	137,254	142,765	85.3	79.6	11.5	16.7	3.2	3.7
Community Colleges	93,445	110,160	86.8	80.7	13.1	18.8	0.1	0.5
Private State-Aided Institutions	47,463	42,335	79.9	68.2	12.4	21.0	7.7	10.8
Private Colleges and Universities	162,619	182,048	92.5	85.9	5.5	10.8	2.0	3.3
Theological Seminaries	2,929	3,323	80.3	71.5	15.8	22.1	3.9	6.4
Private Two-Year Colleges	6,230	3,296	85.0	83.1	13.4	14.3	1.6	2.6
College of Technology	-	498	-	75.1	-	24.9	-	0.0

Note: Enrollment data for the Thaddeus Stevens College of Technology was included in 1998 because Act 211 of 1990 authorized this school to grant associate degrees.

TABLE 13

FALL UNDERGRADUATE ENROLLMENTS IN OCCUPATIONALLY SPECIFIC PROGRAMS
BY INSTITUTIONAL CATEGORY
1987 AND 1997

	1987			1997		
	Total	Occupationally Specific Enrollments		Total	Occupationally Specific Enrollments	
		Total	%		Total	%
TOTAL	**444,184**	**56,570**	**12.7**	**475,171**	**63,418**	**13.3**
State Universities	79,988	585	0.7	83,169	835	1.0
State-Related Commonwealth Universities	105,395	3,469	3.3	110,169	7,325	6.6
Community Colleges	87,937	44,444	50.5	109,023	47,286	43.4
Private State-Aided Institutions	28,841	438	1.5	22,609	245	1.1
Private Colleges and Universities	135,676	4,366	3.2	145,213	4,452	3.1
Theological Seminaries	181	0	0.0	261	0	0.0
Private Two-Year Colleges	6,166	3,268	53.0	4,287	2,835	66.1
College of Technology	-	-	-	440	440	100.0

Note: 1. Enrollment data for the Thaddeus Stevens College of Technology was included in 1997 because Act 211 of 1990 authorized this school to grant associate degrees.
2. Enrollment data in occupationally specific programs is collected in odd numbered years.

TABLE 14

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND LEVEL
1989 THROUGH 1998

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
TOTAL	**556,943**	**566,027**	**579,553**	**587,977**	**580,693**	**571,887**	**571,355**	**568,222**	**572,559**	**579,476**
Undergraduate	469,744	475,996	485,770	491,453	483,358	473,464	473,459	471,484	475,171	480,192
First-Professional	13,995	14,020	15,110	15,460	15,561	15,918	16,107	16,156	15,888	17,191
Graduate	73,204	76,011	78,673	81,064	81,774	82,505	81,789	80,582	81,500	82,093
STATE UNIVERSITIES	96,368	99,082	99,850	98,624	95,962	94,660	94,370	93,711	94,239	95,051
Undergraduate	86,014	87,839	88,398	87,460	85,019	83,586	83,210	82,839	83,169	83,469
Graduate	10,354	11,243	11,452	11,164	10,943	11,074	11,160	10,872	11,070	11,582
STATE-RELATED COMMONWEALTH UNIVERSITIES	142,943	140,928	141,938	141,524	138,656	137,045	139,362	138,855	140,478	142,765
Undergraduate	113,130	110,885	111,191	110,225	107,101	105,763	108,142	108,437	110,169	112,302
First-Professional	4,217	4,270	4,394	4,431	4,454	4,449	4,416	4,449	4,918	5,476
Graduate	25,596	25,773	26,353	26,868	27,101	26,833	26,804	25,969	25,391	24,987
COMMUNITY COLLEGES	96,915	104,292	112,518	119,730	118,885	114,425	111,353	109,164	109,023	110,160
Undergraduate	96,915	104,292	112,518	119,730	118,885	114,425	111,353	109,164	109,023	110,160
PRIVATE STATE-AIDED INSTITUTIONS	47,102	46,437	47,591	47,818	41,811	41,659	40,542	40,702	41,909	42,335
Undergraduate	28,552	27,500	27,758	27,535	22,257	21,479	21,313	21,682	22,609	23,891
First-Professional	6,165	6,159	6,204	6,285	6,385	6,509	6,494	6,506	6,385	6,029
Graduate	12,385	12,778	13,629	13,998	13,169	13,671	12,735	12,514	12,915	12,415
PRIVATE COLLEGES AND UNIVERSITIES	164,618	165,665	167,713	172,086	177,194	176,190	177,092	176,669	178,952	182,048
Undergraduate	138,825	138,513	138,746	141,224	144,763	143,163	143,655	143,012	145,213	146,280
First-Professional	2,270	2,260	3,031	3,135	3,162	3,361	3,548	3,580	3,017	4,132
Graduate	23,523	24,892	25,936	27,727	29,269	29,666	29,889	30,077	30,722	31,636
THEOLOGICAL SEMINARIES	2,878	2,899	3,000	3,143	3,061	3,096	3,117	3,058	3,231	3,323
Undergraduate	189	243	216	227	209	236	267	287	261	296
First-Professional	1,343	1,331	1,481	1,609	1,560	1,599	1,649	1,621	1,568	1,554
Graduate	1,346	1,325	1,303	1,307	1,292	1,261	1,201	1,150	1,402	1,473

TABLE 14

FALL ENROLLMENTS BY INSTITUTIONAL CATEGORY AND LEVEL
1989 THROUGH 1998

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
PRIVATE TWO-YEAR COLLEGES	6,119	6,233	6,433	4,583	4,660	4,356	5,092	5,590	4,287	3,296
Undergraduate	6,119	6,233	6,433	4,583	4,660	4,356	5,092	5,590	4,287	3,296
COLLEGE OF TECHNOLOGY	-	491	510	469	464	456	427	473	440	498
Undergraduate	-	491	510	469	464	456	427	473	440	498

Note: Data for the Thaddeus Stevens College of Technology was included starting in 1990 because Act 211 of 1990 authorized this school to grant associate degrees.

58

59

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
TOTAL (142)	**579,476**	**392,257**	**187,219**	**259,554**	**183,772**	**75,782**	**319,922**	**208,485**	**111,437**	**459,768.6**
STATE UNIVERSITIES (14)	95,051	78,023	17,028	39,048	33,247	5,801	56,003	44,776	11,227	84,061.7
Bloomsburg University	7,647	6,436	1,211	2,780	2,382	398	4,867	4,054	813	6,843.2
California University	5,800	4,671	1,129	2,610	2,202	408	3,190	2,469	721	5,082.5
Cheyney University	1,742	1,008	734	625	459	166	1,117	549	568	1,312.6
Clarion University	5,866	5,095	771	2,241	2,060	181	3,625	3,035	590	5,385.8
East Stroudsburg University	5,790	4,457	1,333	2,298	1,865	433	3,492	2,592	900	4,904.5
Edinboro University	7,108	5,997	1,111	2,947	2,591	356	4,161	3,406	755	6,396.4
Indiana University	13,790	12,005	1,785	5,991	5,244	747	7,799	6,761	1,038	12,657.7
Kutztown University	7,903	6,277	1,626	3,133	2,663	470	4,770	3,614	1,156	6,838.5
Lock Haven University	3,718	3,434	284	1,678	1,554	124	2,040	1,880	160	3,550.0
Mansfield University	2,979	2,595	384	1,255	1,150	105	1,724	1,445	279	2,725.3
Millersville University	7,466	5,648	1,818	3,027	2,431	596	4,439	3,217	1,222	6,327.5
Shippensburg University	6,741	5,690	1,051	3,023	2,615	408	3,718	3,075	643	6,043.7
Slippery Rock University	6,923	5,961	962	2,958	2,651	307	3,965	3,310	655	6,275.9
West Chester University	11,578	8,749	2,829	4,482	3,380	1,102	7,096	5,369	1,727	9,718.1
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	142,765	110,469	32,296	71,951	57,179	14,772	70,814	53,290	17,524	122,469.2
Lincoln University	2,084	1,893	191	842	775	67	1,242	1,118	124	1,984.3
Penn College/PSU Affiliate	5,298	4,195	1,103	3,336	2,867	469	1,962	1,328	634	4,610.2
Penn State Dickinson School of Law	511	511	0	293	293	0	218	218	0	511.0
Pennsylvania State University - Total	75,041	60,507	14,534	40,114	33,002	7,112	34,927	27,505	7,422	65,733.7
Main Campus	41,114	37,131	3,983	22,415	20,187	2,228	18,699	16,944	1,755	38,550.2

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Abington College	3,243	2,177	1,066	1,545	1,170	375	1,698	1,007	691	2,555.8
Altoona College	3,873	3,419	454	1,987	1,768	219	1,886	1,651	235	3,590.9
Berks-Lehigh Valley College-Berks	1,939	1,588	351	1,152	941	211	787	647	140	1,712.3
Berks-Lehigh Valley College-Lehigh	576	450	126	337	284	53	239	166	73	493.2
Capital College-Harrisburg	3,456	1,297	2,159	1,583	669	914	1,873	628	1,245	2,051.9
Capital College-Schuylkill	1,070	837	233	477	406	71	593	431	162	914.6
College of Medicine	581	571	10	319	316	3	262	255	7	575.2
Commonwealth College-Beaver	802	706	96	463	414	49	339	292	47	740.1
Commonwealth College-Delaware County	1,671	1,309	362	888	728	160	783	581	202	1,441.8
Commonwealth College-DuBois	1,152	859	293	538	406	132	614	453	161	964.9
Commonwealth College-Fayette	932	703	229	424	344	80	508	359	149	796.1
Commonwealth College-Hazleton	1,321	1,211	110	718	656	62	603	555	48	1,254.6
Commonwealth College-McKeesport	818	648	170	465	373	92	353	275	78	698.3
Commonwealth College-Mont Alto	1,165	891	274	530	435	95	635	456	179	1,009.8
Commonwealth College-New Kensington	770	505	265	450	317	133	320	188	132	593.1
Commonwealth College-Shenango	1,024	535	489	348	210	138	676	325	351	731.2
Commonwealth College-Wilkes-Barre	798	645	153	522	449	73	276	196	80	696.6
Commonwealth College-Worthington-Scranton	1,575	1,096	479	733	550	183	842	546	296	1,281.5
Commonwealth College-York	2,086	926	1,160	1,098	490	608	988	436	552	1,252.2
Erie-The Behrend College	3,470	2,912	558	2,239	1,845	394	1,231	1,067	164	3,126.1
Great Valley Graduate Center	1,605	91	1,514	883	44	839	722	47	675	703.3
Temple University	27,539	18,047	9,492	12,184	8,046	4,138	15,355	10,001	5,354	21,523.6
University of Pittsburgh - Total	32,292	25,316	6,976	15,182	12,196	2,986	17,110	13,120	3,990	28,106.4
Main Campus	25,872	19,935	5,937	12,345	9,706	2,639	13,527	10,229	3,298	22,309.8
Bradford Campus	1,238	988	250	494	419	75	744	569	175	1,088.0
Greensburg Campus	1,536	1,251	285	699	584	115	837	667	170	1,365.0

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Johnstown Campus	3,170	2,767	403	1,419	1,299	120	1,751	1,468	283	2,928.2
Titusville Campus	476	375	101	225	188	37	251	187	64	415.4
COMMUNITY COLLEGES (15)	110,160	36,478	73,682	47,006	16,435	30,571	63,154	20,043	43,111	62,584.2
Bucks County Community College	8,659	2,979	5,680	3,497	1,386	2,111	5,162	1,593	3,569	4,897.1
Butler County Community College	3,212	1,487	1,725	1,253	653	600	1,959	834	1,125	2,073.9
Cambria County Area Community College	1,037	345	692	357	168	189	680	177	503	575.6
Community College of Allegheny County	16,477	6,192	10,285	7,680	2,892	4,788	8,797	3,300	5,497	9,906.1
Community College of Beaver County	2,094	1,108	986	929	552	377	1,165	556	609	1,492.4
Community College of Philadelphia	16,501	5,190	11,311	5,701	2,052	3,649	10,800	3,138	7,662	9,562.0
Delaware County Community College	8,972	3,160	5,812	3,993	1,573	2,420	4,979	1,587	3,392	5,165.6
Harrisburg Area Community College - Total	10,476	3,974	6,502	4,256	1,759	2,497	6,220	2,215	4,005	6,804.3
Main Campus	8,321	3,220	5,101	3,455	1,441	2,014	4,866	1,779	3,087	5,427.6
Lancaster Campus	1,434	498	936	556	214	342	878	284	594	911.1
Lebanon Campus	721	256	465	245	104	141	476	152	324	465.6
Lehigh Carbon Community College	3,798	1,270	2,528	1,512	563	949	2,286	707	1,579	2,396.0
Luzerne County Community College	6,123	2,426	3,697	2,639	1,179	1,460	3,484	1,247	2,237	3,978.8
Montgomery County Community College	8,852	2,593	5,899	3,773	1,379	2,394	5,079	1,574	3,505	4,856.7
Northampton County Area Community College - Total	5,505	2,268	3,237	2,166	1,019	1,147	3,339	1,249	2,090	3,486.9
Main Campus	4,809	2,044	2,765	1,940	930	1,010	2,869	1,114	1,755	3,077.7
Monroe Campus	696	224	472	226	89	137	470	135	335	409.2
Northwest Pennsylvania Technical Institute	9,886	0	9,886	6,175	0	6,175	3,711	0	3,711	1,926.0
Reading Area Community College	3,019	918	2,101	935	330	605	2,084	588	1,496	1,766.8
Westmoreland County Community College	5,549	2,208	3,341	2,140	930	1,210	3,409	1,278	2,131	3,606.0

64

65

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
PRIVATE STATE-AIDED INSTITUTIONS (7)	42,335	33,259	9,076	22,130	17,667	4,463	20,205	15,592	4,613	36,403.8
Drexel University	11,646	8,025	3,621	7,345	4,992	2,353	4,301	3,033	1,268	9,332.5
MCP Hahnemann University [1/]	3,007	2,306	701	1,063	917	146	1,944	1,389	555	2,539.6
Pennsylvania College of Optometry	676	634	42	310	303	7	366	331	35	658.2
Philadelphia College of Osteopathic Medicine	1,202	1,199	3	687	685	2	515	514	1	1,200.0
Thomas Jefferson University	2,269	1,643	626	882	725	157	1,387	918	469	1,864.8
University of Pennsylvania	21,729	17,743	3,986	10,946	9,189	1,757	10,783	8,554	2,229	19,071.6
University of the Arts	1,806	1,709	97	897	856	41	909	853	56	1,737.1
PRIVATE COLLEGES AND UNIVERSITIES (79)	182,048	129,826	52,222	75,235	56,561	18,674	106,813	73,265	33,548	148,966.5
Academy of the New Church	169	156	13	96	87	9	73	69	4	160.3
Albright College	1,471	1,290	181	679	592	87	792	698	94	1,353.1
Allegheny College	1,898	1,859	39	887	878	9	1,011	981	30	1,870.4
Allentown College of St. Francis de Sales	2,250	1,176	1,074	984	552	432	1,266	624	642	1,515.2
Alvernia College	1,282	861	421	448	313	135	834	548	286	1,036.5
American College	401	0	401	351	0	351	50	0	50	125.0
Baptist Bible College and Seminary	750	587	163	382	269	113	368	318	50	643.4
Beaver College	2,746	1,587	1,159	720	425	295	2,026	1,162	864	1,972.0
Bryn Mawr College	1,796	1,511	285	106	51	55	1,690	1,460	230	1,642.3
Bucknell University	3,726	3,526	200	1,857	1,769	88	1,869	1,757	112	3,619.5
Cabrini College	2,043	1,185	858	606	348	258	1,437	837	600	1,514.9
Carlow College	2,378	878	1,500	211	55	156	2,167	823	1,344	1,461.0
Carnegie-Mellon University	8,174	7,198	976	5,481	4,855	626	2,693	2,343	350	7,612.5
Cedar Crest College	1,480	813	667	71	8	63	1,409	805	604	1,063.0
Chatham College	958	753	205	83	67	16	875	686	189	839.0

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Chestnut Hill College	1,536	622	914	236	46	190	1,300	576	724	1,077.1
College Misericordia	1,643	1,125	518	416	290	126	1,227	835	392	1,291.1
Curtis Institute of Music	167	167	0	83	83	0	84	84	0	167.0
Delaware Valley College	2,099	1,401	698	1,018	700	318	1,081	701	380	1,613.0
Dickinson College	1,844	1,797	47	783	765	18	1,061	1,032	29	1,811.9
Duquesne University	9,552	7,020	2,532	4,055	2,985	1,070	5,497	4,035	1,462	7,891.6
Eastern College	2,491	1,790	701	897	679	218	1,594	1,111	483	2,032.2
Elizabethtown College	1,749	1,551	198	577	509	68	1,172	1,042	130	1,604.9
Franklin and Marshall College	1,855	1,818	37	921	901	20	934	917	17	1,829.5
Gannon University	3,250	2,423	827	1,395	1,039	356	1,855	1,384	471	2,728.2
Geneva College	1,991	1,721	270	914	804	110	1,077	917	160	1,826.7
Gettysburg College	2,123	2,094	29	1,018	1,010	8	1,105	1,084	21	2,105.9
Gratz College	359	10	349	56	2	54	303	8	295	147.0
Grove City College	2,360	2,303	57	1,192	1,165	27	1,168	1,138	30	2,323.1
Gwynedd-Mercy College	1,776	739	1,037	368	167	201	1,408	572	836	1,116.2
Haverford College	1,147	1,147	0	539	539	0	608	608	0	1,147.0
Holy Family College	2,616	1,053	1,563	596	256	340	2,020	797	1,223	1,592.5
Immaculata College	2,586	910	1,676	444	96	348	2,142	814	1,328	1,447.9
Juniata College	1,241	1,211	30	542	526	16	699	685	14	1,223.6
Keystone College [2/]	960	610	350	371	277	94	589	333	256	746.3
King's College	2,257	1,721	536	1,064	880	184	1,193	841	352	1,891.5
La Roche College	1,527	886	641	461	341	120	1,066	545	521	1,108.2
La Salle University	5,384	2,998	2,386	2,277	1,354	923	3,107	1,644	1,463	3,815.4
Lafayette College	2,244	2,103	141	1,203	1,102	101	1,041	1,001	40	2,155.2
Lake Erie College of Osteopathic Medicine	475	475	0	306	306	0	169	169	0	475.0

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Lancaster Bible College	768	532	236	371	232	139	397	300	97	600.2
Lebanon Valley College	1,984	1,211	773	892	567	325	1,092	644	448	1,472.3
Lehigh University	6,363	5,165	1,198	3,794	3,130	664	2,569	2,035	534	5,682.6
Lycoming College	1,475	1,420	55	639	629	10	836	791	45	1,439.8
Marywood University	2,885	1,812	1,073	693	440	253	2,192	1,372	820	2,202.5
Mercyhurst College	2,835	2,262	573	1,182	987	195	1,653	1,275	378	2,533.1
Messiah College	2,697	2,625	72	1,035	1,016	19	1,662	1,609	53	2,674.5
Moore College of Art and Design	433	410	23	0	0	0	433	410	23	425.2
Moravian College/Theological Seminary	1,818	1,292	526	791	572	219	1,027	720	307	1,485.3
Mount Aloysius College	1,221	816	405	324	226	98	897	590	307	946.7
Muhlenberg College	2,460	2,077	383	1,051	885	166	1,409	1,192	217	2,205.1
Neumann College	1,415	923	492	412	303	109	1,003	620	383	1,116.7
Peirce College	2,474	721	1,753	503	203	300	1,971	518	1,453	1,578.0
Pennsylvania Academy of the Fine Arts	277	245	32	140	130	10	137	115	22	259.0
Philadelphia College of Bible	1,255	812	443	577	355	222	678	457	221	972.4
Philadelphia College of Textiles and Science	3,371	2,214	1,157	1,276	859	417	2,095	1,355	740	2,592.3
Point Park College	2,424	1,358	1,066	1,148	556	592	1,276	802	474	1,766.5
Reconstructionist Rabbinical College	64	52	12	31	28	3	33	24	9	59.6
Robert Morris College	4,736	2,597	2,139	2,426	1,429	997	2,310	1,168	1,142	3,440.2
Rosemont College	1,083	483	600	126	2	124	957	481	476	795.0
Saint Francis College	1,925	1,295	630	785	534	251	1,140	761	379	1,500.1
Saint Joseph's University	6,484	3,527	2,957	2,874	1,610	1,264	3,610	1,917	1,693	4,496.5
Saint Vincent College - Total	1,259	1,123	136	665	605	60	594	518	76	1,170.2
Saint Vincent College	1,155	1,030	125	570	515	55	585	515	70	1,074.3
Saint Vincent Seminary	104	93	11	95	90	5	9	3	6	95.9

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Seton Hill College	1,193	673	520	167	80	87	1,026	593	433	831.7
Susquehanna University	1,765	1,656	109	748	715	33	1,017	941	76	1,693.8
Swarthmore College	1,390	1,380	10	647	642	5	743	738	5	1,383.0
Thiel College	914	849	65	428	410	18	486	439	47	878.1
University of Scranton	4,711	3,770	941	1,951	1,587	364	2,760	2,183	577	4,121.8
University of the Sciences in Philadelphia [3/]	2,204	2,039	165	758	701	57	1,446	1,338	108	2,091.2
Ursinus College	1,902	1,239	663	823	581	242	1,079	658	421	1,496.7
Valley Forge Christian College	534	477	57	264	234	30	270	243	27	498.5
Villanova University	9,952	7,494	2,458	5,055	3,705	1,350	4,897	3,789	1,108	8,313.0
Washington and Jefferson College	1,225	1,096	129	599	551	48	626	545	81	1,151.0
Waynesburg College	1,319	1,110	209	687	584	103	632	526	106	1,172.9
Westminster College	1,613	1,388	225	604	529	75	1,009	859	150	1,464.6
Widener University - Total	5,747	2,910	2,837	2,466	1,418	1,048	3,281	1,492	1,789	3,904.6
Main Campus	5,315	2,668	2,647	2,238	1,284	954	3,077	1,384	1,693	3,511.7
Harrisburg Campus	432	242	190	228	134	94	204	108	96	392.9
Wilkes University	3,181	1,654	1,527	1,326	845	481	1,855	809	1,046	2,229.4
Wilson College	833	350	483	137	10	127	696	340	356	573.0
York College of Pennsylvania	5,105	3,694	1,411	2,146	1,580	566	2,959	2,114	845	4,153.3
THEOLOGICAL SEMINARIES (16)	3,323	1,458	1,865	2,244	1,085	1,159	1,079	373	706	2,163.4
Biblical Theological Seminary	322	50	272	251	40	211	71	10	61	191.0
Calvary Baptist Theological Seminary	92	14	78	88	14	74	4	0	4	40.4
Christ the Saviour Seminary	4	4	0	4	4	0	0	0	0	4.0
Eastern Baptist Theological Seminary	423	161	262	241	113	128	182	48	134	276.6
Evangelical School of Theology	138	12	126	100	10	90	38	2	36	74.7

73

TABLE 15

FALL ENROLLMENTS BY INSTITUTION, SEX AND ENROLLMENT STATUS
1998

	TOTAL ENROLLMENT			MALE			FEMALE			TOTAL FULL-TIME EQUIVALENT
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
Faith Theological Seminary	54	54	0	37	37	0	17	17	0	54.0
Lancaster Theological Seminary	162	104	58	60	44	16	102	60	42	123.3
Lutheran Theological Seminary - Gettysburg	197	134	63	96	67	29	101	67	34	145.0
Lutheran Theological Seminary - Philadelphia	250	93	157	146	60	86	104	33	71	156.3
Philadelphia Theological Seminary	13	3	10	11	3	8	2	0	2	7.6
Pittsburgh Theological Seminary	306	233	73	183	156	27	123	77	46	258.2
Reformed Presbyterian Theological Seminary	74	19	55	61	16	45	13	3	10	38.0
Saint Charles Borromeo Seminary	472	182	290	296	182	114	176	0	176	254.7
Saint Tikhon's Orthodox Theological Seminary	46	46	0	46	46	0	0	0	0	46.0
Trinity Episcopal School for Ministry	143	82	61	90	58	32	53	24	29	107.6
Westminister Theological Seminary	627	267	360	534	235	299	93	32	61	386.0
PRIVATE TWO-YEAR COLLEGES (6)	3,296	2,246	1,050	1,472	1,130	342	1,824	1,116	708	2,621.8
Harcum College	642	451	191	68	39	29	574	412	162	534.8
Johnson Technical Institute	389	374	15	321	307	14	68	67	1	379.0
Lackawanna Junior College	1,071	592	479	502	333	169	569	259	310	748.7
Manor College	671	434	237	146	106	40	525	328	197	520.0
Pennsylvania Institute of Technology	299	171	128	211	121	90	88	50	38	215.3
Valley Forge Military College	224	224	0	224	224	0	0	0	0	224.0
COLLEGE OF TECHNOLOGY (1)	498	498	0	468	468	0	30	30	0	498.0
Thaddeus Stevens College of Technology	498	498	0	468	468	0	30	30	0	498.0

1/ Formerly Allegheny University of the Health Sciences.
2/ Formerly categorized with private two-year colleges.
3/ Formerly Philadelphia College of Pharmacy and Science.

BEST COPY AVAILABLE

RESIDENCE OF STUDENTS

OVERVIEW

Data on the legal residence of all students was collected for the first time in recent years in Fall 1997 and will be collected biennially in odd numbered years. The data was classified into three categories: in-state; out-of-state; and foreign. Fall 1998 data on first-time students continued the biennial collection in even numbered years which provides more detail about residence (by state, state unknown, individual U.S. territory and foreign). This data can also be aggregated easily into the categories for 1997. It should be noted that improvements in the reporting system for the University of Pennsylvania for 1997 and 1998 produced a significant change in the data aggregated by residence categories of first-time students when compared to prior years surveys.

Based on the 1997 total enrollments in Pennsylvania colleges and universities (572,559), 79.3% were Pennsylvania residents, 17.6% were out-of-state residents and 3.1% were residents of foreign countries. Enrollments in public institutions had a significantly larger percentage of Pennsylvania residents than private institutions. Specifically, of the total enrollments in public institutions, 90.1% were Pennsylvania residents, 7.9% were out-of-state residents, and 2.0% were residents of foreign countries. Data for private institutions showed that 63.0% were Pennsylvania residents, 32.3% were out-of-state residents and 4.7% were residents of foreign countries. Private state-aided institutions had the largest percentage of out-of-state students at the undergraduate, first-professional and graduate levels.

Excluding foreign students, minorities comprised 13.1% of the total in-state students compared to 20.0% for out-of-state in 1997. Most of the difference was attributed to the Asian/Pacific Islander and Hispanic categories at all enrollment levels. Overall, Asian/Pacific Islander comprised 2.9% of in-state students and 7.4% of those from out-of-state, while the Hispanic percentages were 1.6 and 3.8, respectively.

The total first-time freshmen enrollments increased from 103,052 in Fall 1997 to 104,210 in Fall 1998. However, the number of Pennsylvania residents in this category changed very little from 80,777 to 80,905, an increase of 0.2%. During the same time period, the number of Pennsylvania residents enrolled as first-time first-professional increased from 2,654 to 2,822, an increase of 6.3%. Similarly, first-time graduate students increased from 11,695 to 12,587, an increase of 7.6%.

TABLE 16

RESIDENCE OF STUDENTS BY INSTITUTIONAL CATEGORY AND LEVEL
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	PA %	Out-of-State %	Foreign %	PA %	Out-of-State %	Foreign %	PA %	Out-of-State %	Foreign %
TOTAL	**81.7**	**16.7**	**1.6**	**58.8**	**37.8**	**3.4**	**69.3**	**19.2**	**11.5**
State Universities	92.2	6.7	1.1	-	-	-	88.8	7.8	3.4
State-Related Commonwealth Universities	86.7	12.1	1.2	69.2	29.4	1.4	65.1	20.0	14.9
Community Colleges	98.9	0.7	0.4	-	-	-	-	-	-
Private State-Aided Institutions	42.2	51.4	6.4	44.1	50.5	5.4	43.3	37.0	19.7
Private Colleges and Universities	65.0	32.6	2.4	71.1	27.7	1.2	77.1	14.7	8.2
Theological Seminaries	74.7	20.7	4.6	62.7	31.9	5.4	60.3	32.0	7.7
Private Two-Year Colleges	86.9	10.7	2.4	-	-	-	-	-	-
College of Technology	100.0	0.0	0.0	-	-	-	-	-	-

Note: A dash (-) indicates "not applicable."

78

79

TABLE 17

RESIDENCE OF STUDENTS BY RACE AND INSTITUTIONAL CATEGORY
FALL 1997

	TOTAL	AMERICAN INDIAN/ ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
TOTAL (144)	**554,966**	**1,503**	**20,816**	**46,117**	**10,998**	**475,532**
In-State	454,174	1,208	13,367	37,578	7,140	394,881
Out-of State	100,792	295	7,449	8,539	3,858	80,651
STATE UNIVERSITIES (14)	92,921	246	883	5,327	1,100	85,365
In-State	86,522	225	790	4,899	961	79,647
Out-of-State	6,399	21	93	428	139	5,718
STATE-RELATED COMM UNIVERSITIES (4)	135,308	303	6,529	13,491	2,849	112,136
In-State	115,495	240	4,923	9,646	1,798	98,888
Out-of-State	19,813	63	1,606	3,845	1,051	13,248
COMMUNITY COLLEGES (15)	108,600	460	2,999	13,768	2,588	88,785
In-State	107,782	456	2,913	13,660	2,562	88,191
Out-of-State	818	4	86	108	26	594
PRIVATE STATE-AIDED INSTITUTIONS (8)	37,570	125	4,340	3,029	1,189	28,887
In-State	17,936	60	1,652	1,453	299	14,472
Out-of-State	19,634	65	2,688	1,576	890	14,415
PRIVATE COLLEGES AND UNIVERSITIES (78)	172,915	359	5,711	9,669	3,126	154,050
In-State	120,249	218	2,822	7,272	1,416	108,521
Out-of-State	52,666	141	2,889	2,397	1,710	45,529

TABLE 17

RESIDENCE OF STUDENTS BY RACE AND INSTITUTIONAL CATEGORY
FALL 1997

	TOTAL	AMERICAN INDIAN/ ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
THEOLOGICAL SEMINARIES (17)	3,026	5	293	345	44	2,339
In-State	2,023	5	219	262	21	1,516
Out-of-State	1,003	0	74	83	23	823
PRIVATE TWO-YEAR						
COLLEGES (7)	4,186	5	55	410	90	3,626
In-State	3,727	4	42	308	71	3,302
Out-of-State	459	1	13	102	19	324
COLLEGE OF TECHNOLOGY (1)	440	0	6	78	12	344
In-State	440	0	6	78	12	344
Out-of-State	0	0	0	0	0	0

Note: Data excludes foreign students.

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of - State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
TOTAL (144)	**388,355**	**79,099**	**7,717**	**9,347**	**6,006**	**535**	**56,472**	**15,687**	**9,341**
STATE UNIVERSITIES (14)	76,697	5,535	937	-	-	-	9,825	864	381
Bloomsburg University	6,250	619	51	-	-	-	542	20	17
California University	4,714	170	47	-	-	-	778	51	23
Cheyney University	882	165	25	-	-	-	333	22	5
Clarion University	5,366	116	32	-	-	-	386	36	12
East Stroudsburg University	4,027	761	33	-	-	-	749	111	6
Edinboro University	6,041	332	81	-	-	-	563	55	11
Indiana University	11,622	374	162	-	-	-	1,148	219	211
Kutztown University	6,270	584	78	-	-	-	967	9	12
Lock Haven University	3,175	207	83	-	-	-	69	2	2
Mansfield University	2,407	269	22	-	-	-	147	61	1
Millersville University	6,309	280	73	-	-	-	871	23	8
Shippensburg University	5,333	294	46	-	-	-	944	39	18
Slippery Rock University	5,884	268	185	-	-	-	627	58	16
West Chester University	8,417	1,096	19	-	-	-	1,701	158	39
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	95,566	13,298	1,305	3,403	1,447	68	16,526	5,068	3,797
Lincoln University	785	737	22	-	-	-	326	150	0
Penn College/PSU Affiliate	4,786	185	46	-	-	-	-	-	-
Penn State Dickinson School of Law [1/]	-	-	-	361	146	0	0	12	0
Pennsylvania State University - Total	54,756	7,853	456	220	213	2	6,248	1,983	1,763
Main Campus	27,560	6,294	410	-	-	-	2,718	1,869	1,687
Abington College	3,107	73	7	-	-	-	31	0	0
Altoona College	3,365	340	16	-	-	-	6	0	0

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Berks-Lehigh Valley College-Berks	1,705	102	1	-	-	-	9	0	0
Berks Lehigh Valley College-Lehigh	557	17	3	-	-	-	37	0	0
Capital College-Harrisburg	1,985	25	6	-	-	-	1,404	20	26
Capital College-Schuylkill	880	94	1	-	-	-	6	0	0
College of Medicine	0	0	0	220	213	2	67	43	33
Commonwealth College-Beaver	750	51	1	-	-	-	9	0	0
Commonwealth College-Delaware County	1,507	36	2	-	-	-	1	0	0
Commonwealth College-DuBois	1,059	3	0	-	-	-	9	0	0
Commonwealth College-Fayette	867	3	1	-	-	-	1	0	0
Commonwealth College-Hazleton	1,105	172	3	-	-	-	0	0	0
Commonwealth College-McKeesport	788	48	0	-	-	-	0	0	0
Commonwealth College-Mont Alto	959	140	0	-	-	-	41	0	0
Commonwealth College-New Kensington	828	13	0	-	-	-	5	0	0
Commonwealth College-Shenango	833	180	1	-	-	-	3	0	0
Commonwealth College-Wilkes-Barre	742	25	0	-	-	-	28	0	0
Commonwealth College-Worthington-Scranton	1,373	13	0	-	-	-	129	1	0
Commonwealth College-York	1,810	27	2	-	-	-	188	0	0
Erie-The Behrend College	2,975	197	2	-	-	-	135	18	0
Great Valley Graduate Center	1	0	0	-	-	-	1,421	32	17
Temple University	15,087	2,379	582	1,738	544	37	4,985	1,667	633
University of Pittsburgh - Total	20,152	2,144	199	1,084	544	29	4,967	1,256	1,401
Main Campus	14,115	1,875	190	1,084	544	29	4,967	1,256	1,401
Bradford Campus	1,057	214	8	-	-	-	-	-	-
Greensburg Campus	1,478	22	1	-	-	-	-	-	-
Johnstown Campus	3,069	27	0	-	-	-	-	-	-
Titusville Campus	433	6	0	-	-	-	-	-	-

BEST COPY AVAILABLE

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
COMMUNITY COLLEGES (15)	107,782	818	423	-	-	-	-	-	-
Bucks County Community College	8,837	46	19	-	-	-	-	-	-
Butler County Community College	3,089	4	3	-	-	-	-	-	-
Cambria County Area Community College	766	0	0	-	-	-	-	-	-
Community College of Allegheny County	16,904	203	47	-	-	-	-	-	-
Community College of Beaver County	2,083	51	9	-	-	-	-	-	-
Community College of Philadelphia	16,366	173	0	-	-	-	-	-	-
Delaware County Community College	8,760	110	170	-	-	-	-	-	-
Harrisburg Area Community College - Total	10,415	11	95	-	-	-	-	-	-
Main Campus	8,524	9	85	-	-	-	-	-	-
Lancaster Campus	1,270	1	10	-	-	-	-	-	-
Lebanon Campus	621	1	0	-	-	-	-	-	-
Lehigh Carbon Community College	3,873	2	33	-	-	-	-	-	-
Luzerne County Community College	6,124	2	7	-	-	-	-	-	-
Montgomery County Community College	8,728	7	31	-	-	-	-	-	-
Northampton County Area Community College - Total	5,225	201	7	-	-	-	-	-	-
Main Campus	4,625	198	7	-	-	-	-	-	-
Monroe Campus	600	3	0	-	-	-	-	-	-
Northwest Pennsylvania Technical Institute	7,994	0	0	-	-	-	-	-	-
Reading Area Community College	2,848	7	2	-	-	-	-	-	-
Westmoreland County Community College	5,770	0	0	-	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS (8)	9,532	11,632	1,445	2,817	3,223	345	5,587	4,779	2,549
Drexel University	4,598	2,644	531	0	0	0	1,479	699	681
MCP Hahnemann University [2/]	811	328	6	581	464	23	451	570	55
Pennsylvania College of Optometry	-	-	-	227	361	22	24	6	2

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Pennsylvania College of Podiatric Medicine	-	-	-	155	216	22	0	0	0
Philadelphia College of Osteopathic Medicine	-	-	-	665	317	0	104	54	0
Thomas Jefferson University	563	231	1	422	469	10	641	161	48
University of Pennsylvania	2,887	7,672	847	767	1,396	268	2,810	3,245	1,751
University of the Arts	673	757	60	-	-	-	78	44	12
PRIVATE COLLEGES AND UNIVERSITIES (78)	94,416	47,303	3,494	2,144	836	37	23,689	4,527	2,506
Academy of the New Church	89	45	25	7	2	1	0	0	0
Albright College	960	363	65	-	-	-	-	-	-
Allegheny College	1,116	746	28	-	-	-	-	-	-
Allentown College of St. Francis de Sales	1,506	228	13	-	-	-	470	15	0
Alvernia College	1,122	90	2	-	-	-	-	-	-
American College	-	-	-	-	-	-	58	467	0
Baptist Bible College and Seminary	211	349	5	36	47	5	30	39	3
Beaver College	1,340	237	39	-	-	-	999	89	3
Bryn Mawr College	285	928	102	-	-	-	367	119	24
Bucknell University	1,098	2,211	62	-	-	-	133	17	16
Cabrini College	1,363	310	12	-	-	-	359	10	2
Carlow College	2,004	37	15	-	-	-	317	4	0
Carnegie-Mellon University	1,201	3,347	425	-	-	-	1,092	552	1,241
Cedar Crest College	1,435	215	27	-	-	-	0	0	0
Chatham College	439	98	18	-	-	-	288	11	0
Chestnut Hill College	753	124	19	-	-	-	530	0	4
College Misericordia	1,295	248	1	-	-	-	152	0	0
Curtis Institute of Music	10	65	67	-	-	-	3	10	7
Delaware Valley College	1,607	468	9	-	-	-	-	-	-
Dickinson College	779	978	85	-	-	-	-	-	-

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Duquesne University	4,688	628	256	851	95	15	2,546	171	250
Eastern College	1,084	524	35	-	-	-	586	103	39
Elizabethtown College	1,134	545	36	-	-	-	-	-	-
Franklin and Marshall College	648	1,092	103	-	-	-	-	-	-
Gannon University	2,179	460	45	-	-	-	496	38	9
Geneva College	1,371	352	40	-	-	-	175	15	3
Gettysburg College	589	1,480	42	-	-	-	-	-	-
Gratz College	9	2	12	-	-	-	102	189	6
Grove City College	1,315	901	16	-	-	-	25	0	0
Gwynedd-Mercy College	1,332	61	36	-	-	-	264	11	2
Haverford College	163	956	28	-	-	-	-	-	-
Holy Family College	1,892	153	12	-	-	-	474	56	0
Immaculata College	1,464	238	13	-	-	-	531	65	1
Juniata College	943	199	62	-	-	-	-	-	-
King's College	1,569	476	32	-	-	-	132	11	2
La Roche College	1,134	110	39	-	-	-	246	39	0
La Salle University	2,987	1,014	30	-	-	-	1,220	187	14
Lafayette College	678	1,434	73	-	-	-	-	-	-
Lake Erie College of Osteopathic Medicine	-	-	-	237	170	2	-	-	-
Lancaster Bible College	505	161	11	-	-	-	42	6	3
Lebanon Valley College	1,429	177	39	-	-	-	211	0	0
Lehigh University	1,339	2,884	260	-	-	-	1,242	267	324
Lycoming College	1,144	296	15	-	-	-	-	-	-
Marywood University	1,304	358	48	-	-	-	1,026	211	1
Mercyhurst College	1,590	894	88	-	-	-	90	27	0

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Messiah College	1,334	1,242	40	-	-	-	-	-	-
Moore College of Art and Design	173	200	27	-	-	-	-	-	-
Moravian College/Theological Seminary	1,226	469	17	26	10	4	152	6	3
Mount Aloysius College	1,359	12	28	-	-	-	-	-	-
Muhlenberg College	1,158	1,199	13	-	-	-	-	-	-
Neumann College	853	240	0	-	-	-	78	44	0
Peirce College [3/]	2,021	280	42	-	-	-	-	-	-
Pennsylvania Academy of the Fine Arts	114	97	9	-	-	-	20	22	12
Philadelphia College of Bible	412	387	40	-	-	-	164	130	22
Philadelphia College of Textiles and Science	1,838	799	101	-	-	-	390	94	86
Point Park College	1,961	181	51	-	-	-	53	2	22
Reconstructionist Rabbinical College	-	-	-	2	60	0	0	0	0
Robert Morris College	3,560	302	83	-	-	-	852	47	0
Rosemont College	582	193	20	-	-	-	129	23	0
Saint Francis College	1,253	213	9	-	-	-	412	17	0
Saint Joseph's University	2,810	1,291	103	-	-	-	2,312	446	65
Saint Vincent College - Total	1,099	127	12	27	29	4	22	14	3
Saint Vincent College	1,099	127	12	-	-	-	-	-	-
Saint Vincent Seminary	-	-	-	27	29	4	22	14	3
Seton Hill College	914	80	12	-	-	-	72	0	0
Susquehanna University	1,124	587	14	-	-	-	-	-	-
Swarthmore College	157	1,138	75	-	-	-	0	0	0
Thiel College	744	198	40	-	-	-	-	-	-
University of Scranton	2,222	1,847	42	-	-	-	607	46	52
University of the Sciences in Philadelphia [4/]	1,191	747	29	47	40	1	39	22	18

BEST COPY AVAILABLE

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Ursinus College	1,633	362	26	-	-	-	-	-	-
Valley Forge Christian College	285	207	0	-	-	-	-	-	-
Villanova University	2,497	4,482	130	436	280	4	1,796	232	173
Washington and Jefferson College	1,063	149	7	-	-	-	0	0	0
Waynesburg College	1,037	182	5	-	-	-	43	16	5
Westminister College	1,160	284	0	-	-	-	79	49	0
Widener University - Total	2,228	1,021	43	364	88	0	1,389	558	60
Main Campus	2,228	1,021	43	-	-	-	1,342	557	60
Harrisburg Campus	-	-	-	364	88	0	47	1	0
Wilkes University	1,657	288	18	111	15	1	702	15	17
Wilson College	684	121	22	-	-	-	-	-	-
York College of Pennsylvania	2,964	1,896	46	-	-	-	182	15	14
THEOLOGICAL SEMINARIES (17)	195	54	12	983	500	85	845	449	108
Biblical Theological Seminary	-	-	-	79	11	12	113	18	18
Calvary Baptist Theological Seminary	-	-	-	15	41	1	9	30	0
Christ the Saviour Seminary	3	2	0	-	-	-	-	-	-
Eastern Baptist Theological Seminary	-	-	-	135	150	6	46	50	7
Evangelical School of Theology	-	-	-	49	1	3	56	0	3
Faith Theological Seminary	1	2	1	3	2	9	5	5	4
Lancaster Theological Seminary	-	-	-	85	12	1	57	7	1
Lutheran Theological Seminary - Gettysburg	-	-	-	73	65	0	25	34	4
Lutheran Theological Seminary - Philadelphia	-	-	-	98	82	6	30	20	4
Philadelphia Theological Seminary	-	-	-	4	7	0	0	0	0
Pittsburgh Theological Seminary	-	-	-	145	13	0	79	55	0
Reformed Presbyterian Theological Seminary	-	-	-	50	14	4	0	0	0

96

97

TABLE 18

RESIDENCE OF STUDENTS BY LEVEL AND INSTITUTION
FALL 1997

	UNDERGRADUATE			FIRST-PROFESSIONAL			GRADUATE		
	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign	In-State	Out-of-State	Foreign
Saint Charles Borromeo Seminary	177	46	3	30	32	4	122	32	0
Saint Tikhon's Orthodox Theological Seminary	14	4	8	3	17	11	0	1	1
Seminary of the East	-	-	-	68	16	0	0	0	0
Trinity Episcopal School for Ministry	-	-	-	6	21	0	60	55	4
Westminister Theological Seminary	-	-	-	140	16	28	243	142	62
PRIVATE TWO-YEAR COLLEGES (7)	3,727	459	101	-	-	-	-	-	-
Harcum College	576	83	30	-	-	-	-	-	-
Johnson Technical Institute	358	24	0	-	-	-	-	-	-
Keystone Junior College	736	81	22	-	-	-	-	-	-
Lackawanna Junior College	951	97	3	-	-	-	-	-	-
Manor College	655	17	13	-	-	-	-	-	-
Pennsylvania Institute of Technology	396	14	3	-	-	-	-	-	-
Valley Forge Military College	55	143	30	-	-	-	-	-	-
COLLEGE OF TECHNOLOGY (1)	440	0	0	-	-	-	-	-	-
Thaddeus Stevens College of Technology	440	0	0	-	-	-	-	-	-

1/ Formerly Dickinson School of Law, categorized with private colleges and universities.
2/ Formerly Allegheny University of the Health Sciences.
3/ Formerly categorized with private two-year colleges.
4/ Formerly Philadelphia College of Pharmacy and Science.

Note: A dash (-) indicates "not applicable."

TABLE 19

RESIDENCE OF FIRST-TIME STUDENTS IN PENNSYLVANIA
COLLEGES AND UNIVERSITIES BY LEVEL
FALL 1998

	TOTAL	UNDERGRADUATE			FIRST-PROFESSIONAL	GRADUATE
		Freshmen		Transfers		
		Total	1997-98 High School Graduates			
TOTAL	153,433	104,210	81,450	24,647	4,811	19,765
Alabama	54	28	26	3	2	21
Alaska	26	22	20	1	0	3
Arizona	80	50	46	11	8	11
Arkansas	15	8	5	1	2	4
California	1,084	592	566	86	162	244
Colorado	195	112	103	20	25	38
Connecticut	1,205	1,002	958	77	30	96
Delaware	806	447	411	100	74	185
District of Columbia	235	165	144	16	4	50
Florida	528	333	305	42	61	92
Georgia	198	114	101	13	31	40
Hawaii	58	41	38	5	6	6
Idaho	32	16	15	4	3	9
Illinois	457	271	251	31	37	118
Indiana	174	107	93	11	15	41
Iowa	57	26	23	14	4	13
Kansas	45	25	24	7	2	11
Kentucky	85	44	36	12	9	20
Louisiana	56	29	27	2	9	16
Maine	240	190	168	18	11	21
Maryland	2,520	1,981	1,807	208	127	204
Massachusetts	1,073	833	811	53	59	128
Michigan	354	169	151	32	26	127
Minnesota	144	85	73	16	8	35
Mississippi	27	9	8	5	5	8
Missouri	109	63	58	13	5	28
Montana	22	12	12	2	3	5
Nebraska	44	23	22	4	8	9
Nevada	43	27	23	4	4	8
New Hampshire	231	196	184	17	7	11
New Jersey	9,361	6,769	6,344	1,152	341	1,099
New Mexico	44	25	25	5	5	9
New York	5,771	4,440	4,166	542	313	476
North Carolina	252	131	118	29	28	64
North Dakota	12	6	6	2	0	4

TABLE 19

RESIDENCE OF FIRST-TIME STUDENTS IN PENNSYLVANIA
COLLEGES AND UNIVERSITIES BY LEVEL
FALL 1998

	TOTAL	UNDERGRADUATE			FIRST-PROFESSIONAL	GRADUATE
		Freshmen		Transfers		
		Total	1997-98 High School Graduates			
Ohio	1,642	1,188	1,005	142	79	233
Oklahoma	53	31	31	3	7	12
Oregon	127	79	76	11	12	25
Pennsylvania	117,288	80,905	60,325	20,974	2,822	12,587
Rhode Island	172	131	120	13	17	11
South Carolina	94	51	47	14	8	21
South Dakota	16	4	3	3	2	7
Tennessee	115	72	65	5	7	31
Texas	421	252	239	33	22	114
Utah	47	21	20	4	9	13
Vermont	135	105	99	18	6	6
Virginia	1,008	728	649	67	64	149
Washington	177	102	99	12	21	42
West Virginia	316	198	149	37	26	55
Wisconsin	112	62	57	6	9	35
Wyoming	11	9	9	1	1	0
State Unknown	828	172	96	118	28	510
American Samoa	0	0	0	0	0	0
Federated States of Micronesia	0	0	0	0	0	0
Guam	5	5	4	0	0	0
Marshall Islands	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0
Palau	0	0	0	0	0	0
Puerto Rico	132	96	81	12	6	18
Virgin Islands	30	21	12	5	1	3
Foreign Countries	5,067	1,587	1,096	611	230	2,639

Note: Total first-time freshmen include 1997-98 high school graduates.

DEGREES CONFERRED

OVERVIEW

Degrees conferred totaled 104,932 in 1997-98, a 1.2% increase over 1996-97. The largest growth was at the master's level, which increased 3.9%. Bachelor's degrees, after decreasing for three consecutive years, increased 1.1% in 1996-97 and 1.7% in 1997-98. Associate degrees dropped for the third consecutive year, decreasing 2.9% from 1996-97. Most of this decrease was at the community colleges, where enrollments dropped steadily between 1992 and 1997. Degrees conferred at the first-professional and doctor's level decreased 3.5% and 0.6%, respectively.

Since 1988-89, the total number of degrees conferred increased 14.7%. The largest percentage increase was at the master's level (42.3%), followed by doctor's (19.1%), associate (16.2%), first-professional (9.3%), and bachelor's (7.8%).

Between 1988-89 and 1997-98, an average of 62.2% of all degrees were conferred at the bachelor's level. The four largest fields of study were business, education, health and social sciences. Degrees conferred in these four areas represented 52.4% of the bachelor's degrees in 1988-89 compared to 48.8% in 1997-98. The most significant change was a decrease of 6.6 percentage points in business. Social sciences decreased 0.2 percentage point, while education and health both increased 1.6 percentage points.

The percentage of white graduates dropped from 89.2% to 83.9% since 1988-89, while minorities grew from 7.6% to 11.7% and nonresident aliens increased from 3.2% to 4.4%. Increases in the minority percentages over the past decade were: Asian/Pacific Islander, 1.9 percentage points; black, 1.4 percentage points; and Hispanic, 0.8 percentage point. The percentage of American Indian/Alaskan Native graduates in 1997-98 (0.2%) showed no change over 1988-89.

Females earned 52.4% of the degrees conferred in 1988-89, compared to 55.9% in 1997-98. The percentages of degrees awarded to females in 1997-98 were: associate, 63.9% (up from 62.3% in 1988-89); bachelor's, 55.6% (up from 52.3%); first-professional, 42.4% (up from 36.6%); master's, 55.7% (up from 50.5%); and doctor's, 42.3% (up from 37.4%).

TABLE 20

DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND SEX
1997-98

	TOTAL	MALE		FEMALE	
		Number	%	Number	%
TOTAL	**104,932**	**46,271**	**44.1**	**58,661**	**55.9**
State Universities	17,894	7,027	39.3	10,867	60.7
State-Related Comm Universities	26,910	13,442	50.0	13,468	50.0
Community Colleges	9,047	3,111	34.4	5,936	65.6
Private State-Aided Institutions	10,687	5,474	51.2	5,213	48.8
Private Colleges and Universities	38,745	16,337	42.2	22,408	57.8
Theological Seminaries	539	375	69.6	164	30.4
Private Two-Year Colleges	966	371	38.4	595	61.6
College of Technology	144	134	93.1	10	6.9

TABLE 21

DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND RACE
1997-98

	TOTAL	NONMINORITY %	MINORITY %	NONRESIDENT ALIEN %
TOTAL	**104,932**	**83.9**	**11.7**	**4.4**
State Universities	17,894	91.5	6.9	1.6
State-Related Comm Universities	26,910	80.5	13.9	5.6
Community Colleges	9,047	84.5	15.0	0.5
Private State-Aided Institutions	10,687	69.0	19.7	11.3
Private Colleges and Universities	38,745	86.8	9.3	3.9
Theological Seminaries	539	69.8	21.5	8.7
Private Two-Year Colleges	966	86.0	10.7	3.3
College of Technology	144	83.3	16.7	0.0

TABLE 22

DEGREES CONFERRED BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL	**5,134**	**9,082**	**28,236**	**35,289**	**2,285**	**1,684**	**9,220**	**11,583**	**1,396**	**1,023**
Agricultural Business & Production	24	29	113	30	-	-	8	4	4	4
Agricultural Sciences	0	1	104	182	-	-	19	9	9	3
Architecture & Related Programs	3	6	193	174	-	-	88	63	14	9
Area, Ethnic & Cultural Studies	1	2	76	175	-	-	57	61	13	9
Biological Sciences/Life Sciences	17	32	1,566	1,986	-	-	106	148	95	88
Business Mgmt & Adm Services	975	2,206	6,583	5,526	-	-	3,276	1,893	74	26
Communications	37	35	1,018	1,434	-	-	89	106	6	12
Communications Technologies	42	28	14	18	-	-	16	47	0	0
Computer & Information Sciences	141	102	961	304	-	-	459	188	73	10
Conservation & Renewable Natural Resources	61	9	353	253	-	-	40	42	3	1
Construction Trades	57	1	0	0	-	-	0	0	0	0
Education	125	467	1,814	5,228	-	-	1,153	3,659	150	242
Engineering	41	7	2,826	627	-	-	1,012	229	322	49
Engineering-Related Technologies	1,004	144	573	68	-	-	65	24	0	0
English Language & Literature/Letters	1	8	933	1,836	-	-	100	178	41	73
Foreign Languages & Literatures	0	0	159	561	-	-	25	80	26	30
Health Professions & Related Sciences	533	2,889	1,080	4,601	1,191	965	603	1,958	50	81
Home Economics	9	48	65	592	-	-	15	87	4	18
Law & Legal Studies	36	289	40	53	877	626	125	62	1	1
Liberal Arts & Sci, Gen Studies & Humanities	838	1,471	355	593	-	-	151	140	0	0
Library Science	0	2	3	21	-	-	48	211	1	0
Marketing Operations/Marketing & Distribution	27	123	136	189	-	-	145	44	0	0
Mathematics	18	10	377	361	-	-	73	60	34	14
Mechanics & Repairers	173	8	17	0	-	-	0	0	0	0
Multi/Interdisciplinary Studies	24	47	568	497	-	-	79	94	18	8

TABLE 22

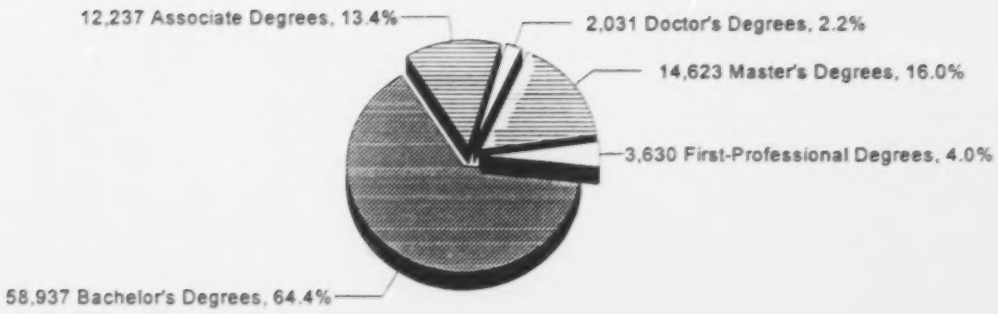
DEGREES CONFERRED BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Parks, Recreation, Leisure & Fitness Studies	15	8	434	399	-	-	47	53	11	5
Personal & Miscellaneous Services	49	37	6	3	-	-	0	0	0	0
Philosophy & Religion	1	4	402	275	-	-	49	25	32	15
Physical Sciences	9	2	844	549	-	-	180	108	124	49
Precision Production Trades	226	62	13	4	-	-	0	0	0	0
Protective Services	338	213	926	526	-	-	24	21	0	0
Psychology	23	61	1,048	2,992	-	-	158	463	68	141
Public Administration & Services	16	74	189	727	-	-	360	906	25	13
Science Technologies	17	11	1	5	-	-	0	0	0	0
Social Sciences & History	58	92	3,280	2,857	-	-	326	214	101	86
Theological Studies & Religious Vocations	2	22	171	140	217	93	149	122	83	10
Transportation & Materials Moving Workers	55	15	15	2	-	-	0	0	0	0
Visual & Performing Arts	101	180	980	1,500	-	-	175	284	14	26
Vocational Home Economics	37	337	0	1	-	-	0	0	0	0

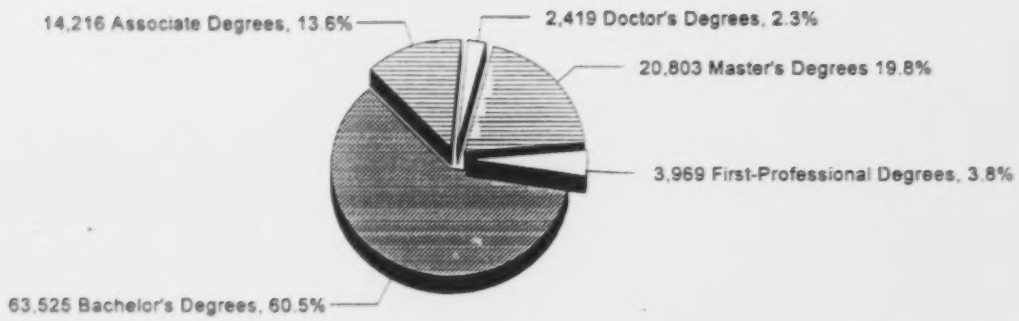
Note: A dash (-) indicates "not applicable."

FIGURE 6

DEGREES CONFERRED BY LEVEL OF PROGRAM
1988-89 AND 1997-98


12,237 Associate Degrees, 13.4%
2,031 Doctor's Degrees, 2.2%
14,623 Master's Degrees, 16.0%
3,630 First-Professional Degrees, 4.0%
58,937 Bachelor's Degrees, 64.4%

1988-89


14,216 Associate Degrees, 13.6%
2,419 Doctor's Degrees, 2.3%
20,803 Master's Degrees 19.8%
3,969 First-Professional Degrees, 3.8%
63,525 Bachelor's Degrees, 60.5%

1997-98

BEST COPY AVAILABLE

TABLE 23

DEGREES CONFERRED BY RACE
1988-89 AND 1997-98

	TOTAL		ASSOCIATE DEGREES %		BACHELOR'S DEGREES %		FIRST-PROFESSIONAL DEGREES %		MASTER'S DEGREES %		DOCTOR'S DEGREES %	
	1988-89	1997-98	1988-89	1997-98	1988-89	1997-98	1988-89	1997-98	1988-89	1997-98	1988-89	1997-98
TOTAL	**91,458**	**104,932**	**13.4**	**13.6**	**64.4**	**60.5**	**4.0**	**3.8**	**16.0**	**19.8**	**2.2**	**2.3**
TOTAL MINORITIES	6,927	12,301	15.3	15.6	59.7	57.0	5.3	6.5	17.2	18.7	2.5	2.2
American Indian/Alaskan Native	138	202	18.8	14.9	52.2	56.4	6.5	5.4	21.0	20.3	1.5	3.0
Asian/Pacific Islander	1,830	4,140	6.8	6.7	61.1	61.6	7.4	10.0	20.8	19.0	3.9	2.7
Black (Non-Hispanic)	4,159	6,182	19.8	22.7	58.8	52.7	3.8	3.9	16.0	19.0	1.6	1.7
Hispanic	800	1,777	11.0	11.8	62.3	61.4	7.6	7.3	14.7	17.1	4.4	2.4
WHITE (NON-HISPANIC)	81,580	87,996	13.5	13.8	66.1	62.7	3.9	3.5	14.8	18.3	1.7	1.7
NONRESIDENT ALIEN	2,951	4,635	4.2	2.4	29.5	29.1	2.4	2.0	47.3	52.6	16.6	13.9

TABLE 24

DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF PROGRAM
1988-89 THROUGH 1997-98

	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
TOTAL	**91,458**	**93,874**	**97,046**	**101,063**	**103,622**	**104,581**	**104,571**	**102,458**	**103,656**	**104,932**
Associate Degrees	12,237	12,960	13,707	14,270	14,819	15,351	15,505	14,899	14,638	14,216
Bachelor's Degrees	58,937	60,527	62,154	64,094	65,045	64,269	63,005	61,765	62,445	63,525
First-Professional Degrees	3,630	3,497	3,422	3,599	3,807	3,783	3,982	3,937	4,115	3,969
Master's Degrees	14,623	14,843	15,641	16,899	17,676	18,931	19,675	19,601	20,025	20,803
Doctor's Degrees	2,031	2,047	2,122	2,201	2,275	2,247	2,404	2,256	2,433	2,419
STATE UNIVERSITIES	15,615	16,055	16,908	18,018	18,901	19,925	18,692	17,703	17,807	17,894
Associate Degrees	315	275	274	285	312	335	288	261	259	224
Bachelor's Degrees	13,059	13,532	14,058	14,890	15,741	16,482	15,372	14,414	14,354	14,469
Master's Degrees	2,200	2,209	2,533	2,806	2,802	3,039	2,973	2,971	3,105	3,125
Doctor's Degrees	41	39	43	37	46	69	59	57	89	76
STATE-RELATED COMMONWEALTH UNIVERSITIES	23,503	24,670	25,353	26,476	26,752	27,021	27,052	26,089	26,670	26,910
Associate Degrees	1,353	1,806	2,028	2,069	2,159	2,280	2,341	2,214	2,296	2,220
Bachelor's Degrees	15,483	16,328	16,675	17,191	17,340	16,830	16,500	16,012	16,283	16,405
First-Professional Degrees	1,183	1,119	1,065	1,156	1,149	1,164	1,200	1,175	1,212	1,355
Master's Degrees	4,404	4,402	4,516	4,877	4,978	5,598	5,787	5,522	5,643	5,671
Doctor's Degrees	1,080	1,015	1,069	1,183	1,126	1,149	1,224	1,166	1,236	1,259
COMMUNITY COLLEGES	8,090	8,304	8,875	9,272	9,626	10,034	10,046	9,668	9,363	9,047
Associate Degrees	8,090	8,304	8,875	9,272	9,626	10,034	10,046	9,668	9,363	9,047
PRIVATE STATE-AIDED INSTITUTIONS	10,079	10,806	10,856	10,956	11,438	10,219	10,460	10,226	10,215	10,687
Associate Degrees	156	180	183	189	232	167	183	191	184	141
Bachelor's Degrees	5,253	5,638	5,664	5,604	5,544	4,596	4,535	4,476	4,470	4,789
First-Professional Degrees	1,485	1,462	1,479	1,514	1,478	1,489	1,553	1,567	1,649	1,555
Master's Degrees	2,681	2,964	2,957	3,077	3,493	3,374	3,539	3,435	3,343	3,657
Doctor's Degrees	504	562	573	572	691	593	650	557	569	545

TABLE 24

DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF PROGRAM
1988-89 THROUGH 1997-98

	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
PRIVATE COLLEGES AND UNIVERSITIES	32,230	32,174	33,267	34,420	35,295	35,836	36,732	37,146	37,861	38,745
Associate Degrees	982	1,089	1,057	1,046	1,427	1,518	1,597	1,504	1,339	1,474
Bachelor's Degrees	25,121	25,018	25,737	26,396	26,406	26,350	26,583	26,840	27,324	27,846
First-Professional Degrees	622	624	620	683	874	843	914	907	951	786
Master's Degrees	5,184	5,110	5,482	5,958	6,240	6,758	7,236	7,481	7,773	8,180
Doctor's Degrees	321	333	371	337	348	367	402	414	474	459
THEOLOGICAL SEMINARIES	600	559	497	512	547	529	539	565	543	539
Bachelor's Degrees	21	11	20	13	14	11	15	23	14	16
First-Professional Degrees	340	292	258	246	306	287	315	288	303	273
Master's Degrees	154	158	153	181	163	162	140	192	161	170
Doctor's Degrees	85	98	66	72	64	69	69	62	65	80
PRIVATE TWO-YEAR COLLEGES	1,341	1,306	1,225	1,324	988	917	955	989	1,098	966
Associate Degrees	1,341	1,306	1,225	1,324	988	917	955	989	1,098	966
COLLEGE OF TECHNOLOGY	-	-	65	85	75	100	95	72	99	144
Associate Degrees	-	-	65	85	75	100	95	72	99	144

Note: Data for the Thaddeus Stevens College of Technology was included starting in 1990 because Act 211 of 1990 authorized this school to grant associate degrees.

BEST COPY AVAILABLE

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL (144)	**5,134**	**9,082**	**28,236**	**35,289**	**2,285**	**1,684**	**9,220**	**11,583**	**1,396**	**1,023**
STATE UNIVERSITIES (14)	52	172	5,899	8,570	-	-	1,046	2,079	30	46
Bloomsburg University	0	0	464	774	-	-	71	154	-	-
California University	11	10	411	463	-	-	110	195	-	-
Cheyney University	0	0	85	92	-	-	30	63	-	-
Clarion University	10	60	308	502	-	-	44	116	-	-
East Stroudsburg University	1	0	353	496	-	-	76	148	-	-
Edinboro University	16	44	428	624	-	-	40	145	-	-
Indiana University	7	7	1,014	1,345	-	-	278	372	30	46
Kutztown University	-	-	431	680	-	-	44	158	-	-
Lock Haven University	0	18	228	296	-	-	1	4	-	-
Mansfield University	7	24	186	270	-	-	20	64	-	-
Millersville University	0	3	478	771	-	-	37	145	-	-
Shippensburg University	-	-	417	538	-	-	93	112	-	-
Slippery Rock University	-	-	445	647	-	-	37	74	-	-
West Chester University	0	6	651	1,072	-	-	165	329	-	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	1,084	1,136	8,192	8,213	771	584	2,688	2,983	707	552
Lincoln University	-	-	83	102	-	-	48	85	-	-
Penn College/PSU Affiliate	450	301	98	37	-	-	-	-	-	-
Penn State Dickinson School of Law [1/]	-	-	-	-	98	63	9	3	-	-
Pennsylvania State University - Total	603	763	4,829	4,230	57	52	1,049	985	356	237
Main Campus	20	37	4,238	3,785	-	-	721	540	347	224

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Abington College	25	97	6	5	-	-	-	-	-	-
Altoona College	53	61	0	0	-	-	-	-	-	-
Berks-Lehigh Valley College-Berks	35	31	0	0	-	-	-	-	-	-
Berks-Lehigh Valley College-Lehigh	3	1	0	0	-	-	-	-	-	-
Capital College-Harrisburg	2	2	304	295	-	-	120	283	3	4
Capital College-Schuylkill	34	41	0	0	-	-	-	-	-	-
College of Medicine	0	0	0	0	57	52	4	4	6	9
Commonwealth College-Beaver	18	5	0	0	-	-	-	-	-	-
Commonwealth College-Delaware County	6	6	1	3	-	-	-	-	-	-
Commonwealth College-DuBois	52	75	1	0	-	-	-	-	-	-
Commonwealth College-Fayette	26	66	0	1	-	-	-	-	-	-
Commonwealth College-Hazleton	27	37	0	0	-	-	-	-	-	-
Commonwealth College-McKeesport	22	7	0	0	-	-	-	-	-	-
Commonwealth College-Mont Alto	36	93	0	0	-	-	-	-	-	-
Commonwealth College-New Kensington	45	19	15	1	-	-	-	-	-	-
Commonwealth College-Shenango	26	75	0	0	-	-	-	-	-	-
Commonwealth College-Wilkes-Barre	35	12	12	1	-	-	-	-	-	-
Commonwealth College-Worthington-Scranton	28	50	0	0	-	-	-	-	-	-
Commonwealth College-York	57	36	0	0	-	-	-	-	-	-
Erie-The Behrend College	53	12	252	139	-	-	18	12	-	-
Great Valley Graduate Center	-	-	-	-	-	-	186	146	0	0
Temple University	4	7	1,394	1,778	345	268	669	869	139	147
University of Pittsburgh - Total	27	65	1,788	2,066	271	201	913	1,041	212	168
Main Campus	-	-	1,419	1,599	271	201	913	1,041	212	168
Bradford Campus	9	26	52	81	-	-	-	-	-	-
Greensburg Campus	-	-	96	120	-	-	-	-	-	-

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Johnstown Campus	6	5	221	266	-	-	-	-	-	-
Titusville Campus	12	34	-	-	-	-	-	-	-	-
COMMUNITY COLLEGES (15)	3,111	5,936	-	-	-	-	-	-	-	-
Bucks County Community College	173	340	-	-	-	-	-	-	-	-
Butler County Community College	139	276	-	-	-	-	-	-	-	-
Cambria County Area Community College	24	20	-	-	-	-	-	-	-	-
Community College of Allegheny County	592	1,056	-	-	-	-	-	-	-	-
Community College of Beaver County	134	223	-	-	-	-	-	-	-	-
Community College of Philadelphia	283	822	-	-	-	-	-	-	-	-
Delaware County Community College	240	473	-	-	-	-	-	-	-	-
Harrisburg Area Community College	346	665	-	-	-	-	-	-	-	-
Lehigh Carbon Community College	160	321	-	-	-	-	-	-	-	-
Luzerne County Community College	266	464	-	-	-	-	-	-	-	-
Montgomery County Community College	275	390	-	-	-	-	-	-	-	-
Northampton County Area Community College	226	313	-	-	-	-	-	-	-	-
Northwest Pennsylvania Technical Institute	0	0	-	-	-	-	-	-	-	-
Reading Area Community College	56	173	-	-	-	-	-	-	-	-
Westmoreland County Community College	197	400	-	-	-	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS (8)	39	102	2,431	2,358	883	672	1,822	1,835	299	246
Drexel University	-	-	731	407	-	-	461	361	36	16
MCP Hahnemann University [2/]	37	86	63	229	171	127	73	182	11	27
Pennsylvania College of Optometry	-	-	71	84	56	82	32	11	-	-
Pennsylvania College of Podiatric Medicine	-	-	-	-	59	44	0	0	-	-
Philadelphia College of Osteopathic Medicine	-	-	-	-	149	82	12	4	0	0

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Thomas Jefferson University	0	7	57	216	160	71	43	116	9	10
University of Pennsylvania	2	9	1,407	1,302	288	266	1,182	1,126	243	193
University of the Arts	-	-	102	120	-	-	19	35	-	-
PRIVATE COLLEGES AND UNIVERSITIES (78)	343	1,131	11,698	16,148	441	345	3,567	4,613	288	171
Academy of the New Church	14	16	9	6	1	0	2	2	-	-
Albright College	-	-	105	128	-	-	-	-	-	-
Allegheny College	-	-	170	185	-	-	-	-	-	-
Allentown College of St. Francis de Sales	-	-	192	200	-	-	70	85	-	-
Alvernia College	11	49	60	139	-	-	0	0	-	-
American College	-	-	-	-	-	-	74	17	-	-
Baptist Bible College and Seminary	0	11	42	52	10	0	12	4	0	0
Beaver College	3	3	93	235	-	-	79	261	-	-
Bryn Mawr College	-	-	0	304	-	-	16	131	4	19
Bucknell University	-	-	428	402	-	-	30	35	-	-
Cabrini College	-	-	98	263	-	-	17	104	-	-
Carlow College	-	-	22	372	-	-	7	53	-	-
Carnegie-Mellon University	-	-	656	325	-	-	660	286	170	33
Cedar Crest College	0	1	10	290	-	-	0	0	-	-
Chatham College	-	-	0	90	-	-	17	96	-	-
Chestnut Hill College	0	0	6	126	-	-	20	95	0	0
College Misericordia	0	0	75	226	-	-	31	151	-	-
Curtis Institute of Music	-	-	12	9	-	-	2	3	-	-
Delaware Valley College	0	6	142	177	-	-	0	0	-	-
Dickinson College	-	-	165	268	-	-	-	-	-	-
Duquesne University	0	0	434	608	107	88	324	510	22	12
Eastern College	2	6	180	243	-	-	113	131	-	-

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Elizabethtown College	0	2	119	241	-	-	-	-	-	-
Franklin and Marshall College	-	-	217	196	-	-	-	-	-	-
Gannon University	12	66	230	289	-	-	34	65	0	0
Geneva College	1	9	181	228	-	-	24	33	-	-
Gettysburg College	-	-	220	244	-	-	-	-	-	-
Gratz College	-	-	1	7	-	-	8	41	-	-
Grove City College	-	-	247	250	-	-	3	6	-	-
Gwynedd-Mercy College	17	105	28	206	-	-	1	38	-	-
Haverford College	-	-	146	154	-	-	-	-	-	-
Holy Family College	2	9	82	313	-	-	27	83	-	-
Immaculata College	3	14	32	218	-	-	11	64	4	12
Juniata College	-	-	101	129	-	-	-	-	-	-
King's College	2	1	211	234	-	-	11	23	-	-
La Roche College	-	-	99	175	-	-	20	65	-	-
La Salle University	2	23	290	381	-	-	165	189	-	-
Lafayette College	-	-	260	232	-	-	-	-	-	-
Lake Erie College of Osteopathic Medicine	-	-	-	-	48	17	-	-	-	-
Lancaster Bible College	1	15	43	60	-	-	1	0	-	-
Lebanon Valley College	6	10	141	218	-	-	18	17	-	-
Lehigh University	-	-	663	424	-	-	233	161	61	37
Lycoming College	-	-	136	170	-	-	-	-	-	-
Marywood College	0	4	69	260	-	-	66	221	0	0
Mercyhurst College	21	44	164	169	-	-	11	22	-	-
Messiah College	-	-	219	324	-	-	-	-	-	-
Moore College of Art and Design	-	-	0	64	-	-	-	-	-	-
Moravian College/Theological Seminary	-	-	161	197	6	7	19	12	-	-
Mount Aloysius College	78	237	20	30	-	-	-	-	-	-

124

125

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Muhlenberg College	2	3	251	218	-	-	-	-	-	-
Neumann College	2	9	45	149	-	-	2	10	-	-
Peirce College [3/]	63	254	0	0	-	-	-	-	-	-
Pennsylvania Academy of the Fine Arts	-	-	-	-	-	-	11	10	-	-
Philadelphia College of Bible	-	-	110	124	-	-	33	34	-	-
Philadelphia College of Textiles and Science	3	6	149	302	-	-	62	75	-	-
Point Park College	7	4	191	215	-	-	7	14	-	-
Reconstructionist Rabbinical College	-	-	-	-	3	3	3	3	0	0
Robert Morris College	18	32	359	345	-	-	120	96	0	0
Rosemont College	-	-	36	160	-	-	6	19	-	-
Saint Francis College	4	12	104	127	-	-	45	70	-	-
Saint Joseph's University	3	9	329	367	-	-	384	381	0	0
Saint Vincent College - Total	-	-	138	140	7	0	5	1	-	-
Saint Vincent College	-	-	138	140	-	-	-	-	-	-
Saint Vincent Seminary	-	-	-	-	7	0	5	1	-	-
Seton Hill College	-	-	14	169	-	-	1	8	-	-
Susquehanna University	6	2	156	190	-	-	-	-	-	-
Swarthmore College	-	-	149	188	-	-	0	0	-	-
Thiel College	2	5	61	98	-	-	-	-	-	-
University of Scranton	8	6	359	470	-	-	95	162	-	-
University of the Sciences in Philadelphia [4/]	-	-	130	219	31	68	31	29	4	6
Ursinus College	9	17	143	183	-	-	-	-	-	-
Valley Forge Christian College	1	2	41	31	-	-	-	-	-	-
Villanova University	0	4	788	857	125	92	370	311	3	1
Washington and Jefferson College	0	0	148	101	-	-	0	0	-	-

BEST COPY AVAILABLE

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Waynesburg College	3	10	127	129	-	-	16	6	-	-
Westminister College	-	-	132	205	-	-	2	2	-	-
Widener University - Total	7	29	281	376	103	70	184	313	20	51
Main Campus	7	29	281	376	-	-	184	313	20	51
Harrisburg Campus	-	-	-	-	103	70	0	0	-	-
Wilkes University	-	-	174	206	0	0	41	51	-	-
Wilson College	8	47	6	47	-	-	-	-	-	-
York College of Pennsylvania	22	49	298	471	-	-	23	14	-	-
THEOLOGICAL SEMINARIES (17)	-	-	16	0	190	83	97	73	72	8
Biblical Theological Seminary	-	-	-	-	9	0	23	13	0	0
Calvary Baptist Theological Seminary	-	-	-	-	10	0	0	0	0	0
Christ the Saviour Seminary	-	-	3	0	-	-	-	-	-	-
Eastern Baptist Theological Seminary	-	-	-	-	22	10	8	5	24	3
Evangelical School of Theology	-	-	-	-	3	2	7	1	-	-
Faith Theological Seminary	-	-	-	-	6	0	3	0	5	0
Lancaster Theological Seminary	-	-	-	-	7	13	2	4	3	2
Lutheran Theological Seminary - Gettysburg	-	-	-	-	16	24	2	8	-	-
Lutheran Theological Seminary - Philadelphia	-	-	-	-	24	14	6	6	5	1
Philadelphia Theological Seminary	-	-	-	-	4	0	0	0	-	-
Pittsburgh Theological Seminary	-	-	-	-	15	11	5	3	15	1
Reformed Presbyterian Theological Seminary	-	-	-	-	5	0	0	0	-	-
Saint Charles Borromeo Seminary	-	-	13	0	22	0	20	20	-	-
Saint Tikhon's Orthodox Theological Seminary	-	-	-	-	4	0	0	0	-	-
Seminary of the East	-	-	-	-	8	0	0	0	-	-
Trinity Episcopal School for Ministry	-	-	-	-	6	2	5	9	0	0
Westminister Theological Seminary	-	-	-	-	29	7	16	4	20	1

TABLE 25

DEGREES CONFERRED BY INSTITUTION, LEVEL OF PROGRAM AND SEX
1997-98

	ASSOCIATE DEGREES		BACHELOR'S DEGREES		FIRST-PROFESSIONAL DEGREES		MASTER'S DEGREES		DOCTOR'S DEGREES	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PRIVATE TWO-YEAR COLLEGES (7)	371	595	-	-	-	-	-	-	-	-
Harcum College	22	187	-	-	-	-	-	-	-	-
Johnson Technical Institute	84	28	-	-	-	-	-	-	-	
Keystone College	46	126	-	-	-	-	-	-	-	-
Lackawanna Junior College	64	105	-	-	-	-	-	-	-	-
Manor College	20	124	-	-	-	-	-	-	-	-
Pennsylvania Institute of Technology	54	25	-	-	-	-	-	-	-	-
Valley Forge Military College	81	0	-	-	-	-	-	-	-	-
COLLEGE OF TECHNOLOGY (1)	134	10	-	-	-	-	-	-	-	-
Thaddeus Stevens College of Technology	134	10	-	-	-	-	-	-	-	-

1/ Formerly Dickinson School of Law, categorized with private colleges and universities.
2/ Formerly Allegheny University of the Health Sciences.
3/ Formerly categorized with private two-year colleges.
4/ Formerly Philadelphia College of Pharmacy and Science.

Note: A dash (-) indicates "not applicable."

FACULTY AND STAFF

OVERVIEW

In 1998-99, there was a total of 20,447 full-time instructional faculty on 9-month contracts making an average salary of $58,253. In addition, 1,891 full-time instructional faculty on 12-month contracts made an average salary of $62,922.

When only selected ranks are used (professor, associate professor, assistant professor and instructor), the percentage of full-time instructional faculty with tenure on 9-month contracts increased from 63.6% in 1989-90 to 66.8% in 1998-99, but decreased for faculty on 12-month contracts from 47.7% to 37.4%. The disparity between male and female faculty with tenure on 9-month contracts narrowed during this period. The percent of males with tenure increased by 3.2 percentage points, while the percent of females with tenure increased by 7.4 percentage points.

Over the past decade, the average salary for selected ranks of full-time instructional faculty on 9-month contracts rose at a faster rate than the CPI. The average yearly salary increases since 1989-90 for the selected ranks were between 3.9% and 4.4%. In all cases, the increases were larger than the average yearly CPI increase of 3.1%. Since 1989-90, the average yearly salary increases for full-time instructional faculty at both public and private institutions was 0.8 percentage point higher than the average increase in the CPI.

In 1997-98, a total of 89,477 full-time employees were working in all occupational categories. Of these, 15.3% were minorities, 1.4% nonresident aliens and 83.3% whites.

TABLE 26

AVERAGE SALARIES AND TENURE STATUS OF FULL-TIME INSTRUCTIONAL FACULTY
BY CONTRACT LENGTH, RANK AND INSTITUTIONAL CATEGORY
1998-99

	9-MONTH CONTRACT			12-MONTH CONTRACT		
	Number	Average Salary	% Tenured	Number	Average Salary	% Tenured
TOTAL, ALL RANKS	**20,447**	**$58,253**	**65.6**	**1,891**	**$62,922**	**33.7**
State Universities	4,421	60,421	74.4	15	73,239	60.0
State-Related Commonwealth Universities	5,089	60,014	63.6	958	65,446	33.3
Community Colleges	1,606	51,809	75.6	138	48,805	44.2
Private State-Aided Institutions	1,407	78,995	68.5	266	71,484	37.6
Private Colleges and Universities	7,706	53,925	59.7	434	60,243	28.1
Theological Seminaries	71	44,758	63.4	59	42,591	40.7
Private Two-Year Colleges	102	32,787	17.6	21	37,254	9.5
College of Technology	45	47,922	75.6	0	0	0.0
PROFESSORS	6,837	76,566	96.1	407	92,781	85.7
State Universities	1,484	76,239	99.6	5	100,411	100.0
State-Related Commonwealth Universities	1,535	83,978	98.3	206	102,630	93.7
Community Colleges	725	58,789	90.6	13	68,919	92.3
Private State-Aided Institutions	687	100,737	98.4	62	103,327	85.9
Private Colleges and Universities	2,362	71,018	93.6	86	82,689	72.1
Theological Seminaries	32	44,022	90.6	33	48,593	66.7
Private Two-Year Colleges	12	37,665	50.0	2	50,506	100.0
ASSOCIATE PROFESSORS	6,064	56,312	87.3	429	69,207	55.7
State Universities	1,323	61,436	91.8	2	83,432	100.0
State-Related Commonwealth Universities	1,544	57,875	93.6	175	75,162	62.3
Community Colleges	435	50,925	80.0	36	60,032	61.1
Private State-Aided Institutions	316	64,080	88.3	82	72,004	57.3
Private Colleges and Universities	2,390	52,791	82.9	122	64,760	46.7
Theological Seminaries	29	47,645	51.7	10	30,609	20.0
Private Two-Year Colleges	27	32,691	25.9	2	48,656	0.0

BEST COPY AVAILABLE

TABLE 26

AVERAGE SALARIES AND TENURE STATUS OF FULL-TIME INSTRUCTIONAL FACULTY
BY CONTRACT LENGTH, RANK AND INSTITUTIONAL CATEGORY
1998-99

	9-MONTH CONTRACT			12-MONTH CONTRACT		
	Number	Average Salary	% Tenured	Number	Average Salary	% Tenured
ASSISTANT PROFESSORS	5,822	$45,584	24.6	556	$52,893	6.8
State Universities	1,347	47,152	41.9	3	59,819	66.7
State-Related Commonwealth Universities	1,342	46,547	18.3	227	56,688	2.6
Community Colleges	346	43,454	59.0	59	42,751	45.8
Private State-Aided Institutions	301	60,140	2.3	92	57,001	0.0
Private Colleges and Universities	2,457	42,857	16.5	157	50,501	1.9
Theological Seminaries	10	38,743	10.0	12	37,815	0.0
Private Two-Year Colleges	19	30,963	15.8	6	35,382	0.0
INSTRUCTORS	1,352	35,960	8.5	288	42,329	0.7
State Universities	267	34,414	11.6	5	50,043	0.0
State-Related Commonwealth Universities	461	37,841	8.5	167	40,889	1.2
Community Colleges	98	33,909	5.1	24	39,076	0.0
Private State-Aided Institutions	91	35,151	1.1	30	48,667	0.0
Private Colleges and Universities	347	34,319	1.2	48	46,253	0.0
Theological Seminaries	0	0	0.0	4	37,357	0.0
Private Two-Year Colleges	43	32,511	2.3	10	34,466	0.0
College of Technology	45	47,922	75.6	0	0	0.0
LECTURERS	308	35,018	0.3	72	45,166	0.0
State-Related Commonwealth Universities	193	34,459	0.0	61	46,819	0.0
Community Colleges	2	36,208	0.0	6	36,305	0.0
Private State-Aided Institutions	12	32,498	8.3	0	0	0.0
Private Colleges and Universities	101	36,361	0.0	5	35,639	0.0
NO ACADEMIC RANK	64	21,170	1.6	139	48,081	6.5
State-Related Commonwealth Universities	14	41,789	0.0	122	47,949	7.4
Private Colleges and Universities	49	15,234	0.0	16	50,400	0.0
Private Two-Year Colleges	1	23,375	100.0	1	27,053	0.0

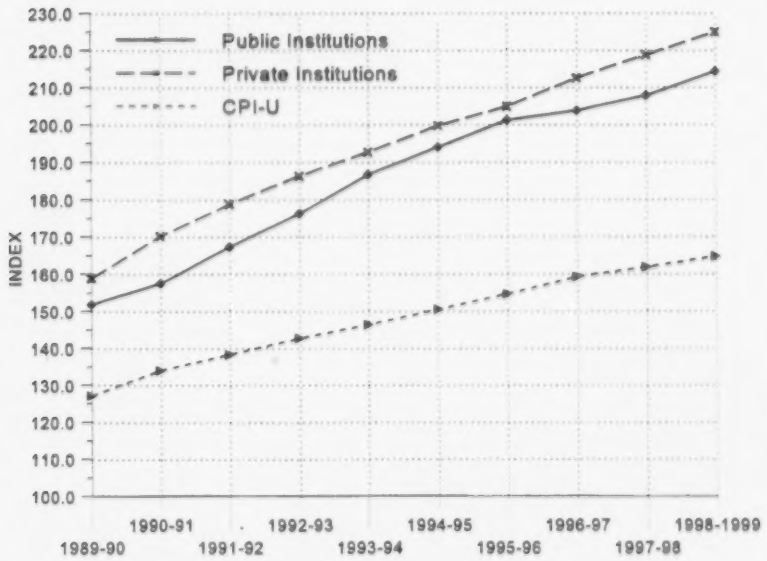
TABLE 27

AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY
EMPLOYED ON A 9-MONTH CONTRACT FOR SELECTED RANKS
1989-90 AND 1998-99

	AVERAGE SALARY		AVERAGE YEARLY INCREASE
	1989-90	1998-99	
Professors	$53,745	$76,566	4.4%
Associate Professors	40,418	56,312	4.1%
Assistant Professors	33,476	45,584	3.9%
Instructors	25,420	35,960	4.3%

FIGURE 7

INDEX OF AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY
FOR SELECTED RANKS VS THE CONSUMER PRICE INDEX
1989-90 THROUGH 1998-99



Note: 1. The selected ranks are professor, associate professor, assistant professor and instructor employed on a 9-month contract.
2. The base year (100.0) for the Urban Consumer Price Index (CPI-U) is 1982-84. The base year (100.0) for salaries is 1982-83.

TABLE 28

AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A 9-MONTH CONTRACT
FOR SELECTED RANKS BY INSTITUTIONAL CATEGORY
1989-90 THROUGH 1998-99

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
ALL INSTITUTIONS	**$41,536**	**$43,761**	**$46,224**	**$48,044**	**$50,795**	**$52,752**	**$54,442**	**$55,917**	**$57,030**	**$58,728**
PUBLIC INSTITUTIONS	$42,132	$43,711	$46,434	$48,899	$51,793	$53,840	$55,846	$56,454	$57,615	$59,403
State Universities	42,714	43,488	46,155	48,364	53,817	55,776	58,277	57,990	58,423	60,421
State-Related Commonwealth Universities	43,199	45,636	48,507	49,584	52,219	54,749	56,176	57,490	59,228	61,077
Community Colleges	37,412	39,117	41,543	43,371	45,520	47,180	48,609	49,492	50,770	51,828
College of Technology	-	31,513	36,239	39,538	41,454	42,794	44,537	45,854	47,500	47,922
PRIVATE INSTITUTIONS	$40,918	$43,819	$46,015	$47,953	$49,594	$51,429	$52,729	$54,730	$56,319	$57,917
Private State-Aided Institutions	52,759	56,230	58,373	62,356	67,688	70,313	72,717	75,824	76,451	79,395
Private Colleges and Universities	38,390	41,396	43,674	45,232	46,409	48,291	49,636	51,511	53,099	54,410
Theological Seminaries	35,556	37,125	39,019	41,779	43,170	43,120	44,037	45,047	43,528	44,758
Private Two-Year Colleges	25,050	23,848	27,272	28,054	29,343	30,076	32,125	32,670	31,919	32,880

Note: 1. The selected ranks are professor, associate professor, assistant professor and instructor.
2. Salary data for the Thaddeus Stevens College of Technology was included beginning with 1990-91 because Act 211 of 1990 authorized this school to grant associate degrees.

139

140

TABLE 29

NUMBER OF EMPLOYEES BY OCCUPATIONAL ACTIVITY AND EMPLOYMENT STATUS
BY INSTITUTIONAL CATEGORY AND RACE
1997-98

	ALL OCCUPATIONAL CATEGORIES		EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL		INSTRUCTIONAL FACULTY		OTHER PROFESSIONAL		NONPROFESSIONAL	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
TOTAL, ALL EMPLOYEES	**89,477**	**46,661**	**9,339**	**423**	**29,433**	**31,378**	**17,203**	**4,774**	**33,502**	**10,086**
American Indian/Alaskan Native	155	67	8	0	42	52	32	6	73	9
Asian/Pacific Islander	3,041	1,198	128	5	1,586	922	841	98	486	173
Black (Non-Hispanic)	9,268	2,241	762	31	982	1,162	1,479	200	6,045	848
Hispanic	1,260	537	83	2	390	394	206	42	581	99
White (Non-Hispanic)	74,543	40,016	8,339	382	25,707	26,329	14,250	4,413	26,247	8,892
Nonresident Alien	1,210	2,602	19	3	726	2,519	395	15	70	65
STATE UNIVERSITIES	10,779	1,246	965	56	4,853	716	995	123	3,966	351
American Indian/Alaskan Native	29	5	1	0	14	3	2	1	12	1
Asian/Pacific Islander	217	24	9	1	183	16	10	3	15	4
Black (Non-Hispanic)	819	61	112	2	261	25	82	7	364	27
Hispanic	163	23	9	0	59	11	11	1	84	11
White (Non-Hispanic)	9,550	1,133	834	53	4,336	661	890	111	3,490	308
Nonresident Alien	1	0	0	0	0	0	0	0	1	0
STATE-RELATED COMMONWEALTH UNIVERSITIES	29,517	15,630	1,948	28	9,385	10,048	7,128	2,143	11,056	3,411
American Indian/Alaskan Native	71	35	6	0	12	30	18	3	35	2
Asian/Pacific Islander	1,195	468	38	1	701	354	317	50	139	63
Black (Non-Hispanic)	3,705	755	214	5	349	439	838	119	2,304	192
Hispanic	478	193	21	0	138	150	103	16	216	27
White (Non-Hispanic)	23,698	12,204	1,669	22	7,870	7,107	5,800	1,949	8,359	3,126
Nonresident Alien	370	1,975	0	0	315	1,968	52	6	3	1

TABLE 29

NUMBER OF EMPLOYEES BY OCCUPATIONAL ACTIVITY AND EMPLOYMENT STATUS
BY INSTITUTIONAL CATEGORY AND RACE
1997-98

	ALL OCCUPATIONAL CATEGORIES		EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL		INSTRUCTIONAL FACULTY		OTHER PROFESSIONAL		NONPROFESSIONAL	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
COMMUNITY COLLEGES	4,816	7,325	724	45	1,880	6,219	374	297	1,838	764
American Indian/Alaskan Native	8	8	0	0	3	5	1	1	4	2
Asian/Pacific Islander	86	114	10	0	46	93	7	6	23	15
Black (Non-Hispanic)	571	409	84	6	112	314	34	11	341	78
Hispanic	73	94	8	0	23	74	8	3	34	17
White (Non-Hispanic)	4,077	6,700	622	39	1,695	5,733	324	276	1,436	652
Nonresident Alien	1	0	0	0	1	0	0	0	0	0
PRIVATE STATE-AIDED INSTITUTIONS	15,304	8,622	1,813	35	4,330	5,427	3,617	555	5,544	2,605
American Indian/Alaskan Native	20	3	1	0	5	3	5	0	9	0
Asian/Pacific Islander	960	355	40	1	316	276	414	17	190	61
Black (Non-Hispanic)	2,479	386	193	2	82	131	319	23	1,885	230
Hispanic	249	79	22	0	48	56	50	7	129	16
White (Non-Hispanic)	10,948	7,357	1,542	32	3,610	4,577	2,526	503	3,270	2,245
Nonresident Alien	648	442	15	0	269	384	303	5	61	53
PRIVATE COLLEGES AND UNIVERSITIES	27,974	13,187	3,710	207	8,631	8,691	4,924	1,574	10,709	2,715
American Indian/Alaskan Native	27	15	0	0	8	11	6	1	13	3
Asian/Pacific Islander	575	225	30	2	335	177	92	21	118	25
Black (Non-Hispanic)	1,608	584	151	12	167	238	195	35	1,095	299
Hispanic	292	135	22	2	119	98	34	15	117	20
White (Non-Hispanic)	25,282	12,046	3,503	189	7,861	8,002	4,557	1,498	9,361	2,357
Nonresident Alien	190	182	4	2	141	165	40	4	5	11

143

144

TABLE 29

NUMBER OF EMPLOYEES BY OCCUPATIONAL ACTIVITY AND EMPLOYMENT STATUS
BY INSTITUTIONAL CATEGORY AND RACE
1997-98

	ALL OCCUPATIONAL CATEGORIES		EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL		INSTRUCTIONAL FACULTY		OTHER PROFESSIONAL		NONPROFESSIONAL	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
THEOLOGICAL SEMINARIES	501	248	105	24	155	114	51	22	190	88
American Indian/Alaskan Native	0	0	0	0	0	0	0	0	0	0
Asian/Pacific Islander	7	6	1	0	4	4	1	1	1	1
Black (Non-Hispanic)	53	19	2	4	8	8	4	0	39	7
Hispanic	3	7	1	0	2	3	0	0	0	4
White (Non-Hispanic)	438	213	101	19	141	97	46	21	150	76
Nonresident Alien	0	3	0	1	0	2	0	0	0	0
PRIVATE TWO-YEAR COLLEGES	521	370	68	27	161	159	108	48	184	136
American Indian/Alaskan Native	0	1	0	0	0	0	0	0	0	1
Asian/Pacific Islander	1	6	0	0	1	2	0	0	0	4
Black (Non-Hispanic)	30	17	6	0	2	6	7	2	15	9
Hispanic	2	6	0	0	1	2	0	0	1	4
White (Non-Hispanic)	488	340	62	27	157	149	101	46	168	118
Nonresident Alien	0	0	0	0	0	0	0	0	0	0
COLLEGE OF TECHNOLOGY	65	33	6	1	38	4	6	12	15	16
American Indian/Alaskan Native	0	0	0	0	0	0	0	0	0	0
Asian/Pacific Islander	0	0	0	0	0	0	0	0	0	0
Black (Non-Hispanic)	3	10	0	0	0	1	0	3	2	6
Hispanic	0	0	0	0	0	0	0	0	0	0
White (Non-Hispanic)	62	23	6	1	38	3	6	9	13	10
Nonresident Alien	0	0	0	0	0	0	0	0	0	0

Note: 1. "Instructional faculty" includes instruction, research and public service; also includes 9,561 instruction and research assistants in part-time category.
2. "Other professional" includes support/service.
3. "Nonprofessional" includes technical and paraprofessionals, clerical and secretarial, skilled crafts and service/maintenance.
4. The data for occupational activity, employment status and race is collected in odd numbered years.

BEST COPY AVAILABLE

TABLE 30

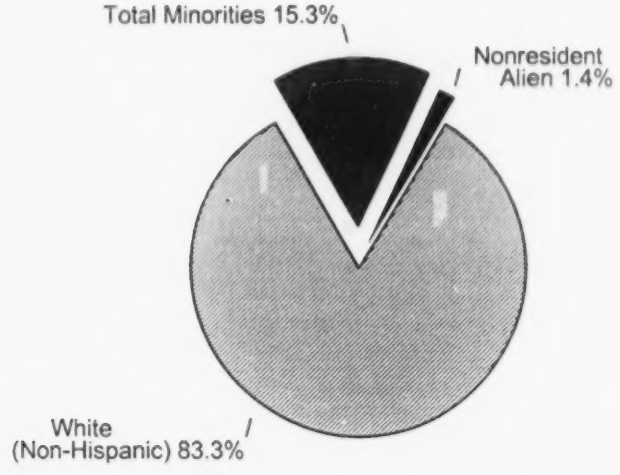
FULL-TIME INSTRUCTIONAL FACULTY WITH TENURE
FOR SELECTED RANKS BY SEX AND CONTRACT LENGTH
BY SELECTED YEARS

	1989-90		1994-95		1998-99	
	9-Month Contract	12-Month Contract	9-Month Contract	12-Month Contract	9-Month Contract	12-Month Contract
TOTAL FACULTY	**19,634**	**1,615**	**20,419**	**1,808**	**20,075**	**1,680**
Tenured Faculty	12,489	771	13,280	722	13,404	628
TOTAL MALES	14,033	1,121	13,768	1,179	13,023	963
Tenured Males	9,838	629	9,951	580	9,547	476
TOTAL FEMALES	5,601	494	6,651	629	7,052	717
Tenured Females	2,651	142	3,329	142	3,857	152
			PERCENT TENURED			
TOTAL FACULTY	**63.6**	**47.7**	**65.0**	**39.9**	**66.8**	**37.4**
Tenured Males	70.1	56.1	72.3	49.2	73.3	49.4
Tenured Females	47.3	28.7	50.1	22.6	54.7	21.2

Note: The selected ranks are professor, associate professor, assistant professor and instructor.

FIGURE 8

PERCENT OF FULL-TIME EMPLOYEES BY RACE
1997-98



Note: The data for race is collected in odd numbered years.

FINANCE

OVERVIEW

Beginning with 1996-97, the finance survey was changed from a current-funds to an entity-wide model for private institutions while it remained unchanged for public institutions. Due to this major change, finance data for 1995-96 continues to be the latest available for private institutions. Data for 34 public institutions is presented for 1997-98.

Current-funds revenues for public institutions in 1997-98 totaled $5.2 billion. Of the total, revenues from tuition and fees (30.1%) was the largest source, followed by government appropriations (24.0%). Revenues from all government sources accounted for 38.7%. Total current-funds expenditures were also reported as $5.2 billion. Of that total, educational and general expenditures represented 78.6%, of which 29.1% was for instruction. Hospital expenditures accounted for the second largest expenditure function (12.5%).

Tuition and fees comprised 28.4% of all revenues for public institutions in 1993-94 and 30.1% in 1997-98, an increase of 1.7 percentage points. During the same period, hospital revenues went from 13.6% to 12.3% of the total, a decline of 1.3 percentage points. Separation of The Pennsylvania State University College of Medicine from a teaching hospital in 1997-98 contributed to the decline in hospital revenues from 1996-97 to 1997-98.

Expenditures for instruction comprised 28.2% of all expenditures for public institutions in 1993-94 and 29.1% in 1997-98, an increase of 0.9 percentage point. Scholarships and fellowships expenditures went from 5.8% to 7.0% of the total during the same period, an increase of 1.2 percentage points.

TABLE 31

CURRENT-FUNDS REVENUES AT PUBLIC INSTITUTIONS
BY SOURCE AND INSTITUTIONAL CATEGORY
1997-98

(In Millions)

	TOTAL	STATE UNIVERSITIES	STATE-RELATED COMMON-WEALTH UNIVERSITIES	COMMUNITY COLLEGES	COLLEGE OF TECHNOLOGY
Number of Institutions	34	14	4	15	1
TOTAL REVENUES	**$5,242.2**	**$1,139.4**	**$3,568.4**	**$525.8**	**$8.6**
Tuition and Fees	1,575.7	400.1	1,005.4	169.2	1.0
Government Appropriations	1,256.4	402.4	622.1	226.4	5.5
Government Grants and Contracts	771.5	137.8	543.8	88.1	1.8
Private Gifts, Grants and Contracts	225.2	11.2	208.8	5.2	0.0
Endowment Income	43.8	0.6	43.1	0.1	0.0
Sales and Services of Educational Activities	143.3	8.1	134.8	0.4	0.0
Auxiliary Enterprises	441.7	142.4	272.3	26.8	0.2
Hospitals	645.6	0.0	645.6	0.0	0.0
Other Sources	119.1	36.8	72.6	9.6	0.1
Independent Operations	19.9	0.0	19.9	0.0	0.0

TABLE 32

CURRENT-FUNDS REVENUES AT PUBLIC INSTITUTIONS BY SOURCE
1993-94 THROUGH 1997-98

(In Millions)

	1993-94	1994-95	1995-96	1996-97	1997-98
Number of Institutions	33	33	34	34	34
TOTAL REVENUES	**$4,565.8**	**$4,805.3**	**$5,128.4**	**$5,280.8**	**$5,242.2**
Tuition and Fees	1,296.3	1,339.4	1,409.1	1,493.0	1,575.7
Government Appropriations	1,148.0	1,189.0	1,214.5	1,223.7	1,256.4
Government Grants and Contracts	652.3	700.5	709.7	708.4	771.5
Private Gifts, Grants and Contracts	181.1	187.6	220.1	266.5	225.2
Endowment Income	35.3	37.9	40.0	42.8	43.8
Sales and Services of Educational Activities	78.1	83.2	82.5	86.7	143.3
Auxiliary Enterprises	445.9	476.9	499.0	526.8	441.7
Hospitals	623.6	679.9	779.1	813.4	645.6
Other Sources	99.5	105.1	167.7	112.6	119.1
Independent Operations	5.7	5.8	6.7	6.9	19.9
			PERCENT OF TOTAL		
TOTAL REVENUES	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Tuition and Fees	28.4	27.9	27.5	28.3	30.1
Government Appropriations	25.1	24.7	23.7	23.2	24.0
Government Grants and Contracts	14.3	14.6	13.8	13.5	14.7
Private Gifts, Grants and Contracts	4.0	3.9	4.3	5.0	4.3
Endowment Income	0.8	0.8	0.8	0.8	0.8
Sales and Services of Educational Activities	1.7	1.7	1.6	1.6	2.7
Auxiliary Enterprises	9.8	9.9	9.7	10.0	8.4
Hospitals	13.6	14.2	15.2	15.4	12.3
Other Sources	2.2	2.2	3.3	2.1	2.3
Independent Operations	0.1	0.1	0.1	0.1	0.4

Note: 1. Since 1993-94, data for certain revenue sources may differ significantly because some institutions implemented new accounting procedures.
2. Auxiliary enterprises decreased and independent operations increased in 1997-98 because of a change in reporting by the University of Pittsburgh.
3. Hospital revenues decreased for 1997-98 because The Pennsylvania State University College of Medicine separated from a teaching hospital.

BEST COPY AVAILABLE

TABLE 33

CURRENT-FUNDS EXPENDITURES AT PUBLIC INSTITUTIONS
BY FUNCTION AND INSTITUTIONAL CATEGORY
1997-98

(In Millions)

	TOTAL	STATE UNIVERSITIES	STATE-RELATED COMMON-WEALTH UNIVERSITIES	COMMUNITY COLLEGES	COLLEGE OF TECHNOLOGY
Number of Institutions	34	14	4	15	1
TOTAL EXPENDITURES	**$5,217.6**	**$1,140.8**	**$3,552.2**	**$515.8**	**$8.8**
EDUCATIONAL AND GENERAL EXPENDITURES	$4,099.8	$1,001.8	$2,598.3	$491.3	$8.4
Instruction	1,516.6	430.0	848.8	234.8	3.0
Research	502.3	3.3	498.9	0.1	0.0
Public Service	123.9	27.0	96.2	0.7	0.0
Academic Support	426.7	89.5	302.0	34.8	0.5
Student Services	259.0	83.0	128.9	46.5	0.6
Institutional Support	441.6	129.8	244.1	66.0	1.7
Operation and Maintenance Of Plant	317.3	89.7	185.3	41.4	0.9
Scholarships and Fellowships	364.0	110.4	196.1	55.8	1.7
Educational and General Transfers	148.4	39.1	98.0	11.3	0.0
AUXILIARY ENTERPRISES	$ 445.4	$ 139.0	$ 281.5	$ 24.5	$0.4
HOSPITALS	$ 650.4	$ 0.0	$ 650.4	$ 0.0	$0.0
INDEPENDENT OPERATIONS	$ 22.0	$ 0.0	$ 22.0	$ 0.0	$0.0

TABLE 34

CURRENT-FUNDS EXPENDITURES AT PUBLIC INSTITUTIONS BY FUNCTION
1993-94 THROUGH 1997-98

(In Millions)

	1993-94	1994-95	1995-96	1996-97	1997-98
Number of Institutions	33	33	34	34	34
TOTAL EXPENDITURES	**$4,760.8**	**$4,814.4**	**$5,021.1**	**$5,241.5**	**$5,217.6**
EDUCATIONAL AND GENERAL EXPENDITURES	$3,724.2	$3,664.9	$3,753.1	$3,886.3	$4,099.8
Instruction	1,342.0	1,416.9	1,457.6	1,459.3	1,516.6
Research	437.8	456.4	464.0	474.1	502.3
Public Service	94.3	103.2	126.7	119.9	123.9
Academic Support	351.2	363.7	375.0	396.6	426.7
Student Services	208.0	220.8	229.2	243.8	259.0
Institutional Support	378.8	390.3	406.0	418.4	441.6
Operation and Maintenance of Plant	281.7	286.3	305.4	303.6	317.3
Scholarships and Fellowships	277.0	296.0	298.3	328.8	364.0
Educational and General Transfers	353.4	131.3	90.9	141.8	148.4
AUXILIARY ENTERPRISES	$ 428.4	$ 468.9	$ 489.9	$ 528.1	$ 445.4
HOSPITALS	$ 602.1	$ 674.9	$ 773.0	$ 821.1	$ 650.4
INDEPENDENT OPERATIONS	$ 6.1	$ 5.7	$ 5.1	$ 6.0	$ 22.0
			PERCENT OF TOTAL		
TOTAL EXPENDITURES	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
EDUCATIONAL AND GENERAL EXPENDITURES	78.3	76.2	74.7	74.2	78.6
Instruction	28.2	29.4	29.0	27.8	29.1
Research	9.2	9.5	9.2	9.0	9.6
Public Service	2.0	2.2	2.5	2.3	2.4
Academic Support	7.4	7.6	7.5	7.6	8.2
Student Services	4.4	4.6	4.6	4.7	5.0
Institutional Support	8.0	8.1	8.1	8.0	8.4
Operation and Maintenance of Plant	5.9	5.9	6.1	5.8	6.1
Scholarships and Fellowships	5.8	6.2	5.9	6.3	7.0
Educational and General Transfers	7.4	2.7	1.8	2.7	2.8
AUXILIARY ENTERPRISES	9.0	9.7	9.8	10.0	8.4
HOSPITALS	12.6	14.0	15.4	15.7	12.5
INDEPENDENT OPERATIONS	0.1	0.1	0.1	0.1	0.4

Note: 1. Since 1993-94, data for certain expenditure sources may differ significantly because some institutions implemented new accounting procedures.
2. Auxiliary enterprises decreased and independent operations increased in 1997-98 because of a change in reporting by the University of Pittsburgh.
3. Hospital expenditures decreased for 1997-98 because The Pennsylvania State University College of Medicine separated from a teaching hospital.

APPENDIX A

GLOSSARY

ACADEMIC SUPPORT - A category of college expenditures for support services that is an integral part of the institution's primary mission of instruction, research and public service. Includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development and course and curriculum development. Includes expenditures for veterinary and dental clinics if their primary purpose is to support the institutional program.

ASSOCIATE DEGREE - A degree based on at least two but less than four years of full-time equivalent college work.

AUXILIARY ENTERPRISES - A revenue and expenditure category including essentially self-supporting operations that exist to furnish a service to students, faculty or staff and which charge a flat fee that is directly related to, although not necessarily equal to, the cost of the service.

BACHELOR'S DEGREE - A degree based on at least four but not more than five years of full-time equivalent college work.

BASIC STUDENT CHARGES - Includes tuition, required fees and room and board charges for a full-time undergraduate, graduate or first-professional educational program.

BOARD CHARGES - Charges for a 7-day meal plan. Where a 7-day meal plan is not available, 6-day or 5-day meal plans are used in calculating the averages. The averages do not include board charges at branch campuses.

CONSUMER PRICE INDEX (CPI) - A measure in the average change of prices over time in a fixed market basket of goods and services which covers all urban consumers (CPI-U) consisting of approximately 80% of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial and technical workers; the self-employed; short-term workers; the unemployed; retirees and others not in the labor force.

CONTRACT STATE - A state having a contract with a Pennsylvania college for which students are charged a reduced tuition for certain programs. The contract state for the University of Pennsylvania is New Jersey. For the Pennsylvania College of Optometry, the contract states are Delaware, Nebraska, North Carolina, Virginia and West Virginia.

CURRENT-FUNDS EXPENDITURES - The costs incurred for goods and services used in the conduct of the institution's current operations. Current-funds expenditures include both restricted and unrestricted expenditures.

CURRENT-FUNDS REVENUES - All funds, both restricted and unrestricted, available for financing the operations of the institution. These revenues do not include restricted current funds received but not expended because these revenues have not been earned.

DOCTOR'S DEGREE - A degree normally based on at least three years of graduate work beyond the bachelor's degree, usually granted as a Ph.D. in any field or Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, etc.

EDUCATION AND GENERAL EXPENDITURES - The sum of current-funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, scholarships and fellowships and educational and general transfers.

ENDOWMENT FUNDS - Funds whose principal is nonexpendable and that are intended to be invested to provide earning for institutional use (includes term endowment and quasi-endowment funds).

EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL - Employees who exercise responsibility for the management of the institution or of a customarily recognized department or subdivision thereof.

FIRST-PROFESSIONAL DEGREE - A degree based on at least six years of college work, usually granted in Dentistry, Law, Medicine, Theology, etc. It signifies completion of the academic requirements to begin practice in the profession.

FIRST-PROFESSIONAL STUDENT - A student enrolled in a professional school or program which requires at least two academic years of college work for entrance and a total of at least six years for a degree.

FIRST-TIME FRESHMAN - A student who has not previously attended any college. Also included are those students who entered with advanced standing (college credits earned before graduation from high school) at the freshmen level and those who attended college for the first time during the preceding summer.

FIRST-TIME STUDENT - A student enrolled at an institution for the first time at any of the following levels: undergraduate; graduate; or first-professional.

FOREIGN STUDENT - A person who is not a citizen or national of the United States and who is in this country on a visa or temporary basis and does not have the right to remain indefinitely. The term is synonymous to nonresident alien.

FRESHMAN - A first year undergraduate student.

FULL-TIME EQUIVALENT - A comparative figure derived by converting part-time student academic work load into a normal full-time load. Institutions were requested to use 15 credit hours per semester for undergraduate students and 12 credit hours per semester for graduate and first-professional students as the normal load. Total full-time equivalent enrollments are the sum of full-time headcount and the full-time equivalency of part-time students.

GOVERNMENT APPROPRIATIONS - An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

GOVERNMENT GRANT OR CONTRACT - Revenues from a government agency for a specific research project or other program.

GRADUATE STUDENT - A student who holds a bachelor's or first-professional degree or equivalent and is taking courses at the postbaccalaureate level. The student may or may not be enrolled in a graduate program.

HIGH SCHOOL GRADUATE - A student who has completed the 12th grade and received a high school diploma.

INDEPENDENT OPERATIONS - A group of self-supporting activities under control of a college or university. This category is composed principally of federally funded research and development centers (FFR & DC).

INSTITUTIONAL SUPPORT - A category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations and community relations.

INSTRUCTION - That category of expenditures of colleges, schools, departments and other instructional divisions of higher education institutions and expenditures for departmental research and public service that are not separately budgeted. Includes expenditures for credit and noncredit activities. Does not include expenditures for academic administration where the primary function is administration (for example, academic deans).

INSTRUCTIONAL FACULTY - Instruction/research staff whose major regular assignment is instruction, including those with release time for research. The term does not include data relating to instructional faculty who teach preclinical or clinical medicine, who are members of a religious order or who teach in the Reserve Officer Training Program (ROTC).

LENGTH OF CONTRACT (9-MONTH AND 12-MONTH) - Salaries of faculty are reported on either a 9-month or a 12-month basis. Faculty are reported as having 9-month or 12-month salaries on the basis of their contract period, not on the basis of the number of installments in which salaries are paid. The term "9-month contract" applies to faculty who teach for two semesters, three quarters, two trimesters, two four-month sessions or the equivalent. The term "12-month contract" applies to faculty employed for the entire year. These faculty are generally employed for 11 months of teaching with one month vacation. The term "salary" may be substituted for "contract" within the context of this definition.

MASTER'S DEGREE - A degree based on at least one but not more than two full-time academic years of work beyond the bachelor's degree.

MINORITY - For this publication, a person identified as belonging to any of the following classifications: American Indian/Alaskan Native; Asian/Pacific Islander; Black (Non-Hispanic); or Hispanic.

NONPROFESSIONAL - Individuals employed for the primary purpose of clerical and secretarial occupations, skilled crafts and service/maintenance.

OTHER PROFESSIONAL - Individuals employed for the primary purpose of performing academic support, student service and institutional support activities, whose assignments would require either college graduation or experience of such kind and amount as to provide a comparable background.

OTHER SOURCES - Revenues not covered elsewhere. Examples are interest income and gains (net of losses) from investments of unrestricted current funds, miscellaneous rentals and sales, expired term endowments and terminated annuity of life income agreements. This source also includes revenues resulting from the sales and services of internal service departments to persons or agencies external to the institution (for example, the sale of computer time).

PRIVATE INSTITUTIONS - Institutions listed in the following categories: private state-aided institutions, private colleges and universities, theological seminaries and private two-year colleges.

PROGRAM - A combination of courses and related activities organized for the attainment of broad educational objectives described by the institution.

PUBLIC INSTITUTIONS - Institutions listed in the following categories: state universities, state-related commonwealth universities, community colleges and college of technology.

RACIAL/ETHNIC AND OTHER DESCRIPTIVE CATEGORIES OF PERSONS

RACIAL/ETHNIC CATEGORIES - Categories used to describe groups to which individuals belong, identify with or belong in the eyes of the community. These categories do not denote scientific definitions of anthropological origins. However, no person may be counted in more than one racial/ethnic category. Racial/ethnic designations are requested only for United States citizens, resident aliens and other eligible (for financial aid purposes) non-citizens who are not citizens or nationals of the United States but who

have been admitted as legal immigrants for the purpose of obtaining permanent resident alien status (and who hold either an alien registration card (Form I-551 or I-151), a Temporary Resident Card (Form I-688) or an Arrival-Departure Record (Form I-94) with a notation that conveys legal immigrant status such as Section 207 Refugee, Section 208 Asylee, Conditional Entrant Parolee or Cuban-Haitian).

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands. This includes people from China, Japan, Korea, the Philippine Islands, Samoa, India and Vietnam.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa (except those of Hispanic origin).

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa or the Middle East (except those of Hispanic origin).

OTHER DESCRIPTIVE CATEGORY

NONRESIDENT ALIEN - A person who is not a citizen or national of the United States and who is in this country on a visa or temporary basis and does not have the right to remain indefinitely. Nonresident aliens are reported separately rather than in any of the five racial/ethnic categories described above.

REQUIRED FEES - Fees required of all students or by such a large portion of students that someone not paying the particular fee is an exception.

ROOM CHARGES - Charges based on double occupancy for a full academic year. The averages do not include room charges at branch campuses.

SALES AND SERVICES OF EDUCATIONAL ACTIVITIES (REVENUES) - Revenues from the sales of goods or services that are incidental to the conduct of instruction, research or public service. Examples include film rentals, sales of scientific and literary publications, testing services, university presses, dairy products, machine shop products, data processing services, cosmetology services and sales of handcrafts prepared in classes.

SCHOLARSHIPS AND FELLOWSHIPS - A category of college expenditures that applies only to money given in the form of outright federal Pell Grants, grants and trainee stipends to individuals enrolled in formal course work either for credit or not. Aid to students in the form of tuition fee remissions is included.

STATE OF RESIDENCE (IN-STATE, OUT-OF-STATE) - A person's permanent address as determined by such evidence as a driver's license or voter registration. For entering freshmen, residence may be the legal residence of a parent or guardian.

TENURE - Status of a personnel position, or a person occupying a position or occupation, with respect to permanence of position.

TUITION - The typical nine-month charge for a full-time student. Calculated averages include full-time in-state students (from sponsoring districts for community colleges) attending day school at the main

campus. An exception to the main campus rule is the inclusion of the first-professional medical program at the Pennsylvania State University, College of Medicine. As an additional note, community college charges for in-state students in non-sponsoring districts are approximately twice the listed amount for in-state students in sponsoring districts. Excluded from calculated averages are those charges listed on a credit hour or per course basis.

UNDERGRADUATE - A student enrolled in a four- or five-year bachelor's degree program, in an associate degree program, a certificate program or in a vocational-technical program below the baccalaureate level.

APPENDIX B

SOURCES

1. Basic Student Charges (PDE-2068 and PDE-2069)
2. Fall Enrollment (PDE-4095 and PDE-4095A)
3. Fall Staff Survey (IPEDS-S)
4. Finance Survey (IPEDS-F)
5. Postsecondary Completions (PDE-4093)
6. Residence of First-Time Students (PDE-4096 and PDE-4096A)
7. Residence of Students (PDE-356 and PDE-356A)
8. Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty (PDE-2114)
9. *Consumer Price Indexes*, U.S. Department of Labor, Bureau of Labor Statistics, 1999.
10. *Current-Funds Revenues and Expenditures of Institutions of Higher Education*, U. S. Department of Education, National Center for Education Statistics, 1997.
11. *Digest of Education Statistics*, U.S. Department of Education, National Center for Education Statistics, 1998.

APPENDIX C

NONRESPONDENTS
(Data Not Estimated)

Faculty and Staff
Fall Staff: Grove City College
Salaries: Grove City College